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ABSTRACT

A study examined the educational and employment activities of members of Minnesota's high school class of 1989. Data regarding 14,636 students (14,024 graduates, 324 dropouts, and 288 students school leavers not classified as dropouts) were collected from 97 high schools participating in the Minnesota Secondary School Follow-up System and from 853 of the students' employers. Current employment/education-related activities of the class of 1989 were also analyzed by curriculum area, and trend data covering the years 1978 through 1989 were summarized. At the time of the survey, 33 percent of the class members were both employed and attending a school, 22.4 percent were employed only, 1.8 percent were unemployed and not attending a school, and 24 percent were involved in education only. The percentage of individuals employed and not simultaneously attending any school has generally declined since 1978, whereas the percentage of individuals participating in education only has remained fairly steady. (Appended are lists of secondary schools participating in the project and the specific industries and occupations within categories reported, the base data coding form, and selected survey questionnaires. Also included are 34 figures and 165 tables.) (MN)

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ED 362 783

FOLLOW-UP 90

Minnesota High School Follow-Up
Class of 1989: One Year Later

Trend Data: 1978-1989

1989:1

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FOLLOW-UP 90

Minnesota High School Follow-Up
Class of 1989: One Year Later

Trend Data: 1978-1989

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May, 1991

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The author wishes to acknowledge the Minnesota Board of Vocational-Technical Education and the Minnesota State Board of Education for their support of this project. Thanks goes to Dolores Pospesel, Follow-up Specialist, State Board of Vocational-Technical Education, for lending encouragement, leadership and guidance to the entire effort.

The contributions of the participating local education agencies, local project directors and clerical staff for making special efforts to accurately collect and code the student data for nearly 15,000 former students is deeply appreciated.

Special thanks are extended to those who have helped make the system work -- to John Ferguson who coordinated the interrelationship between the micro and the mainframe computers to generate reports.

Michelle Day who has supported all phases of the system, deserves a very special recognition. She has been responsible for the careful typing and diagramming of this report, in addition to generating local and State data as requested.

The support of all of these people to the project has been invaluable.

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Chapter 1:

INTRODUCTION

At the end of each school year, about 60,000 students graduate from high schools in Minnesota. Additionally, there are several thousand students who leave without diplomas. Based upon the assumption that a high school education is a means to some future end rather than an end in and of itself, it is important to identify "what happens" to students after they leave high school.

This information, along with other data (i.e., economic, school programs, etc.), may be used to improve student services. It can also enhance curriculum development, program planning, and evaluation efforts.

This publication presents a summary of the research obtained from senior high schools in Minnesota which utilized the Minnesota Secondary School Follow-Up System to collect data on the class of 1989. There were 97 high schools collecting information from 14,636 students. Of this total; 14,024 students were graduates, 324 were classified as dropouts and 288 were defined as having left high school without a diploma but not classified as dropouts.

BASIC MODEL

The Minnesota Secondary School Follow-Up System is a data collection and reporting system to be used by local education agencies (LEAs) to gather information from present and former students.

The System was originally developed by the Minnesota Research and Development Center for Vocational Education, at the University of Minnesota, under contract with the Minnesota State Department of Education, Division of Vocational-Technical Education.

The Follow-Up System, initiated in 1972, was designed to provide useful information for the State and LEAs in areas such as curriculum development, program planning, evaluation, guidance and counseling. The System has been adapted to help LEAs meet both State and Federal reporting requirements, as these requirements relate to the post-high school activities of former students.

Although the System was developed under grant by the Vocational Division and provides information for vocational reporting, it does provide equally valuable information on all former students in all program areas.

In 1982 the University's direct involvement in the System terminated. A group of local administrators concerned that this proven data collection might no longer be available, approached the State Department of Education to maintain it.

Under grants from the State Department of Education a joint project intended to maintain the System was initiated. The University developed a software program to be used by LEAs for data entry utilizing an Apple II system. The Mounds View Schools have developed software to read the Apple data disks into a Burroughs mainframe for processing local and State reports.

The System is designed as a decentralized data collection operation, (See Figure 1). That is, the LEA is provided a common set of instruments and procedures in regional training sessions. Actual data collection and data entry are then carried out independently by the LEA. The data disks are submitted to the Mounds View Schools for data analysis and report generation. The service is provided under a grant with the State Department of Education.

Although most districts have utilized the System to conduct one-year follow-up studies, the procedures and programs can be used identically to conduct others--typically three and five-year studies. Follow-up forms are available upon request to the local project directors for such studies. Processing is provided without charge to the local district, as per the one-year plan.

The selection of this decentralized model was based on the following factors/assumptions:

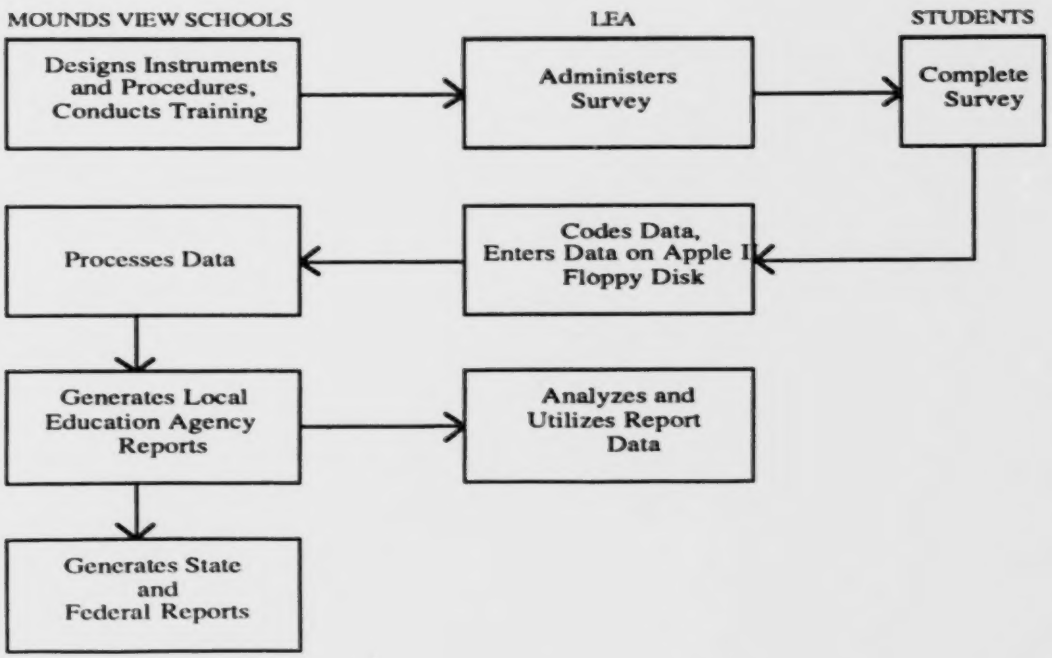
1. Local district participation maximizes the possibility that the data will be appropriate, and therefore used;
2. Students are more likely to respond to a questionnaire from the high school as compared to a central state agency; and
3. The large number of school districts involved would make centralized data collection costs prohibitive.

In addition to these factors, several goals were established for the system. The goals are that the system will:

1. Provide information necessary to meet local, state, and federal reporting requirements;
2. Provide data which will be useful in assisting local and state personnel in planning and evaluating educational programs;
3. Provide a basis for the comparisons of plans prior to leaving high school with actual activities one year later;
4. Produce a high rate of response;
5. Be of reasonable cost; and
6. Provide consistent information across schools.

The data collected from the Class of 1989 are reported in the following chapters. Chapter 2 presents a summary of activities for all respondents, as well as comparative data from the classes of 1977-1981 and 1983-1988. Because the system was interrupted for 2 years, follow-up data are unavailable for the Class of 1982, as well as career planning data for the Class of 1983. Chapter 3 presents a comparison of the plans versus the actual activities of the Class of 1989. The data on the plans of the Class of 1989 were collected via the Career Planning Survey component of the Follow-Up System. The Career Planning Survey is administered to high school seniors about one month prior to their graduation date. Chapter 4 is a summary of the class by curriculum area, and shows the potential relationships between the amount of coursework taken and post high school employment and educational activities. Chapter 5 presents information collected by a survey of employers of members of the Class of 1989.

FIGURE 1
MINNESOTA SECONDARY SCHOOL FOLLOW-UP SYSTEM



Chapter 2:

SUMMARY OF THE CLASS OF 1989

Using the procedures outlined in Chapter 1, 97 Minnesota high schools conducted a follow-up survey of the Class of 1989. Included in this survey were graduates and dropouts, as well as other members of the class who didn't complete their high school program. This chapter of the report will: (1) describe selected characteristics of those 97 schools reporting follow-up data, (2) present a statewide summary of the Class of 1989, and (3) present summary data for the classes of 1977 through 1988. (Statewide follow-ups were not conducted on the Class of 1982). Summary data over several years allows for the examination of trends over time.

CHARACTERISTICS OF PARTICIPATING SCHOOLS

Each district which offers vocational education is required to participate in the Minnesota Secondary School Follow-Up System every five years. Each year other districts voluntarily participate. Therefore, the schools included in this report do not represent a random sample, nor do they comprise a sample which would necessarily be valid for statistical inference to the population of all schools in Minnesota. However, the schools that participated in the follow-up are diverse in terms of class size and geographic location within Minnesota; and may, for practical purposes, be considered representative of the schools in the State.

LOCATION

The geographic locations of the 97 schools that reported data from the Class of 1989 are shown in Figure 2. Each participating school is identified with an asterisk (*), and is located in the appropriate county. As shown in Figure 2, the participating schools were widely dispersed throughout the state.

(A list of participating schools may be found in Appendix A.)

FIGURE 2
LOCATION OF SCHOOLS PARTICIPATING IN THE FOLLOW-UP PROJECT IN 1989

SIZE OF GRADUATING CLASS

The second factor used to describe the schools that participated in the follow-up is the size of graduating class. The number of schools by size of graduating class is reported in Table 1.

As shown in Table 1, 65 schools, or two-thirds of participating schools surveying the Class of 1989 had a graduating class size of 200 students or less.

TABLE 1
NUMBER OF SCHOOLS BY SIZE OF GRADUATING CLASS

Size of Class	1989	1988	1987	1986	1985	1984	1983	1981	1980	1979	1978	1977
50 or less	28	23	25	69	40	27	16	23	29	18	18	12
51 to 100	18	24	16	24	22	18	17	17	22	32	25	23
101 to 200	19	14	17	18	22	23	14	21	22	25	24	16
201 to 300	9	9	10	13	13	11	9	11	10	15	11	10
301 to 400	14	9	10	9	15	13	9	5	10	4	7	5
401 to 500	7	2	3	9	8	10	6	7	6	7	5	5
501 to 600	2	2	1	5	4	3	4	3	6	5	5	8
601 or more	0	4	2	3	2	10	5	3	4	5	3	3
Total	97	*87	*84	*150	126	115	80	90	109	111	98	82

* Plus a sample of Minneapolis district-wide.

QUESTIONNAIRE RESPONSE

The student response rate to the follow-up questionnaire is shown in Table 2. The "Return Complete" category identifies the percentage of former students who returned fully completed questionnaires. The "Return Incomplete" category identifies the percentage of former students who returned partially completed questionnaires. The "No Return Received" category reports the percentage that did not respond to the follow-up questionnaire.

As shown in Table 2, 65.7 percent of those surveyed responded with a fully completed questionnaire. Nearly ten percent responded with a partially completed questionnaire. The total response rate to the questionnaire was 75.6 percent.

TABLE 2
QUESTIONNAIRE RESPONSE
CLASS OF 1989 - ALL STUDENTS

Status	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
Return Complete	62.3	4563	69.1	5054	65.7	9617	- 4.6
Return Incomplete	11.6	849	8.2	599	9.9	1448	+1.9
No Return Received	26.1	1913	22.7	1658	24.4	3571	+2.7
Total Assessed	100.0	7325	100.0	7311	100.0	14636	

COMBINATIONS OF PRESENT ACTIVITIES

Table 3 represents a detailed description of the activity status one year after high school for the Class of 1989. These selected categories were designed to be independent and mutually exclusive, thus providing non-duplicated counts.

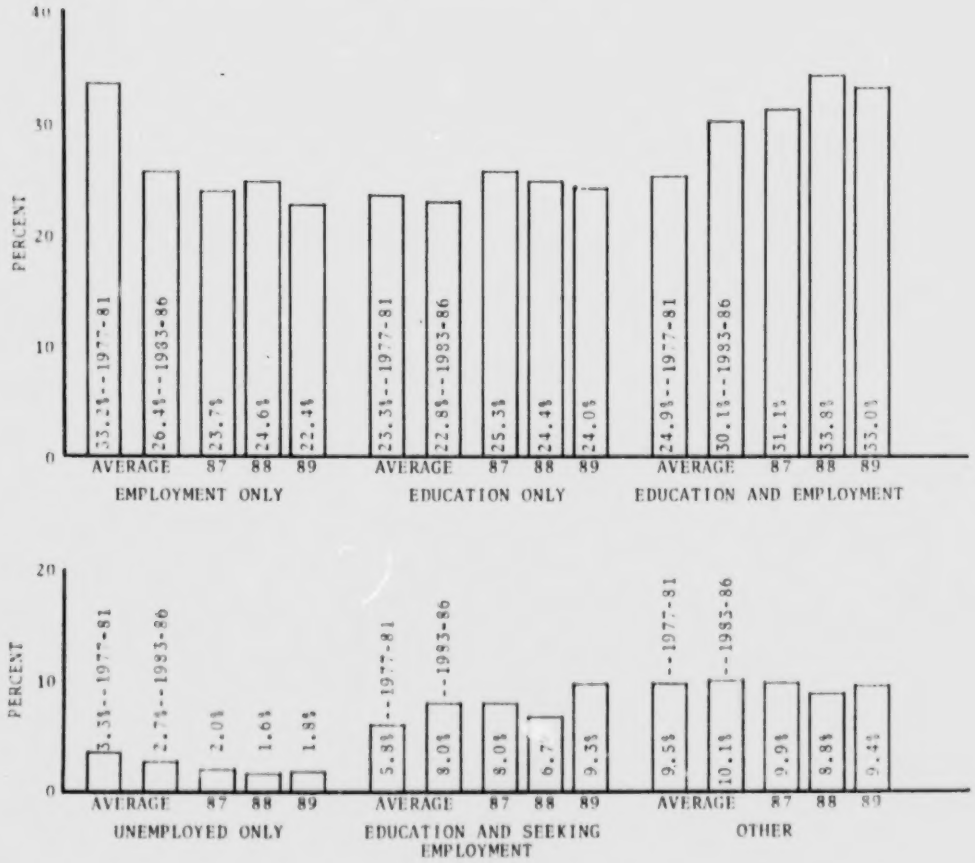
As shown in Table 3, 22.4 percent of the Class of 1989 were "employed only" at the time of the survey. Only 1.8 percent were "unemployed only" at the time of the survey. Of those responding, twenty-four percent were involved in education only, while thirty-three percent were attending a school and employed.

Figure 3 illustrates the trends in the combinations of activities. As can be seen, the percentage responding "employed only" has generally declined since 1978. Likewise, the percentage listed as "education only", with only 1983 as an exception, has remained quite steady. In the years 1977 through 1981 a fairly constant 25 percent reported education and employment. In 1983 this percentage increased substantially to 30 percent, and has held at this level for the succeeding six graduating classes.

TABLE 3
COMBINATIONS OF PRESENT ACTIVITIES
CLASS OF 1989 - ALL STUDENTS

Status	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
Paid Employment (only)	24.5	1293	20.5	1130	22.4	2423	-2.2
Paid Employment and Vocational School	5.9	310	6.0	332	5.9	642	-0.5
Paid Employment and Community College	7.4	391	9.4	519	8.4	910	-0.5
Paid Employment and College or University	15.0	791	22.1	1219	18.6	2010	+0.1
Vocational School (only)	2.8	149	2.8	153	2.8	302	+0.4
Community College (only)	3.2	167	2.0	113	2.6	280	+0.6
4-year College or University (only)	18.4	974	18.8	1037	18.6	2011	-1.4
Education and Seeking Employment	9.2	486	9.4	521	9.3	1007	+2.6
Unemployed (only)	1.9	102	1.7	93	1.8	195	+0.2
Activities Other Than The Above	11.8	623	7.2	397	9.4	1020	+0.6
Total Reporting Activity	100.0	5286	100.0	5514	100.0	10800	

FIGURE 3
COMBINATIONS OF PRESENT ACTIVITIES
AVERAGE OF RESULTS FOR CLASSES 1977-81, CLASSES 1983-86
AND RESULTS FOR 1987-89



EDUCATIONAL ACTIVITY

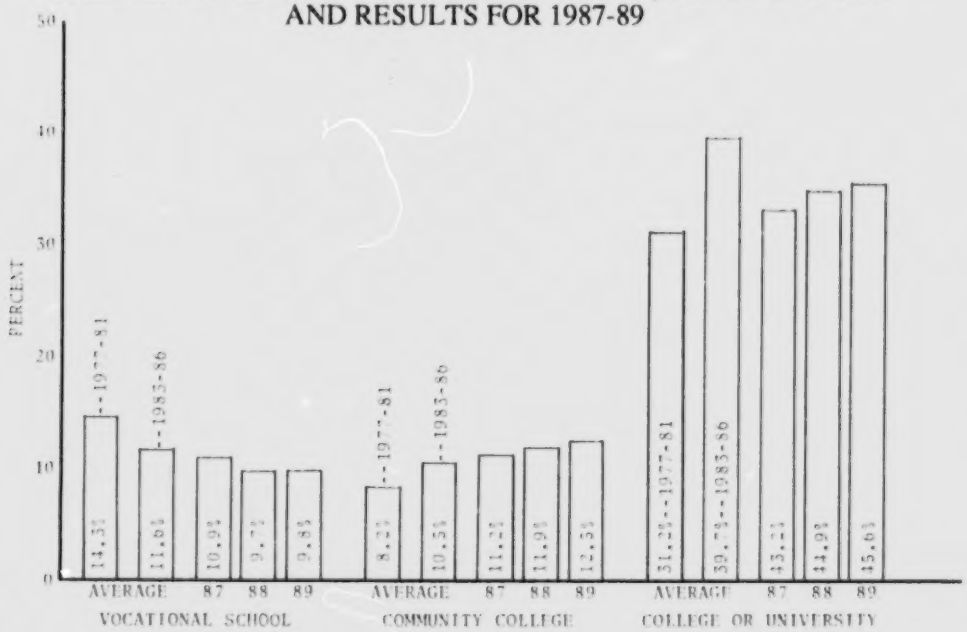
The educational activities of the Class of 1989 are summarized in Table 4. 45.6 percent of the class were enrolled in a four-year college or university at the time of the follow-up. 9.8 percent of the class were enrolled in a vocational school and 12.5 percent in a community college. Approximately one-third of the Class of 1989 had no educational activities at the time of the follow-up survey.

As can be seen in Figure 4, the total educational activities of leavers of Minnesota high schools is increasing slightly over time.

TABLE 4
PRESENT EDUCATION ACTIVITY
CLASS OF 1989 - ALL STUDENTS

Status	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
Vocational School	9.9	523	9.8	540	9.8	1063	+0.1
Community College	12.2	648	12.8	706	12.5	1354	+0.6
4-Year College or University	41.5	2200	49.6	2744	45.6	4944	+0.7
Apprenticeship	0.6	35	0.3	18	0.5	53	+0.2
Other Education	1.7	91	2.0	113	1.9	204	+0.1
Total Reporting Education Activity	66.0	3497	74.5	4121	70.3	7618	+1.7
No Education Activity	34.0	1802	25.5	1412	29.7	3214	-1.7
Total	100.0	5299	100.0	5533	100.0	10832	

FIGURE 4
PRESENT EDUCATION ACTIVITY
AVERAGE OF RESULTS FOR CLASSES 1977-81, CLASSES 1983-86
AND RESULTS FOR 1987-89



EDUCATION TIME STATUS

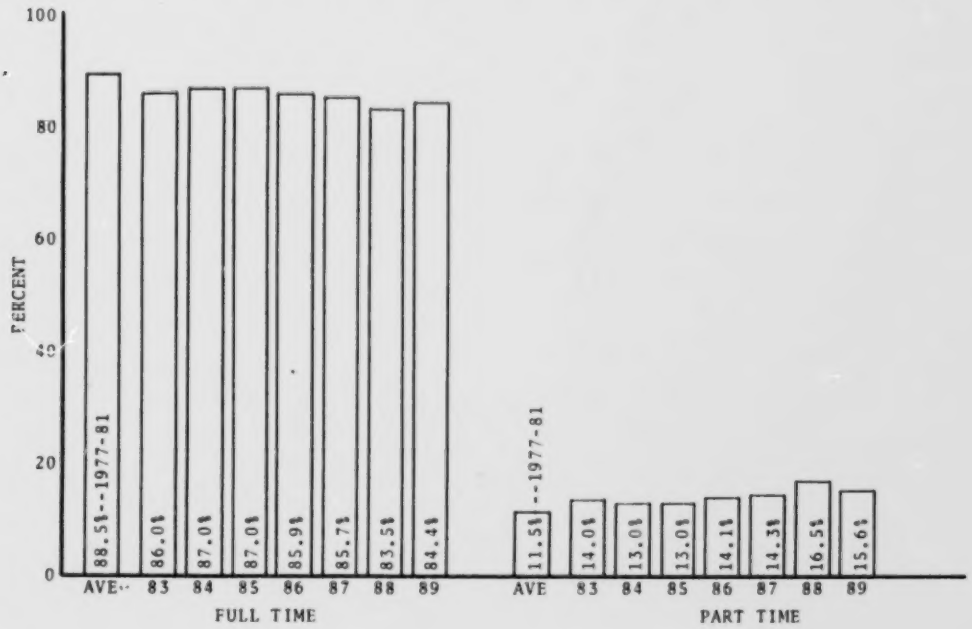
Table 5 indicates the time status for individuals in school at the time of the follow-up survey. Almost eighty-five percent of those individuals attending an educational institution were doing so full-time. Full-time was defined as being enrolled for 13 or more hours per week for students attending colleges or universities.

Figure 5 represents the trend data for education time status. As can be seen, a fairly constant rate of almost 90 percent full-time for those individuals attending school has been maintained over the past twelve studies.

TABLE 5
PRESENT STATUS OF INDIVIDUALS IN SCHOOL
CLASS OF 1989 - ALL STUDENTS

Status	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
Full-Time	86.4	2743	82.6	3158	84.4	5901	+0.9
Part-Time	13.6	431	17.4	663	15.6	1094	-0.9
Total Reporting Time Status	100.0	3174	100.0	3821	100.0	6995	

FIGURE 5
TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS AT PRESENT
AVERAGE OF RESULTS FOR CLASSES 1977-81, AND RESULTS FOR 1983-89



SCHOOLS ATTENDED BY INDIVIDUALS AT PRESENT

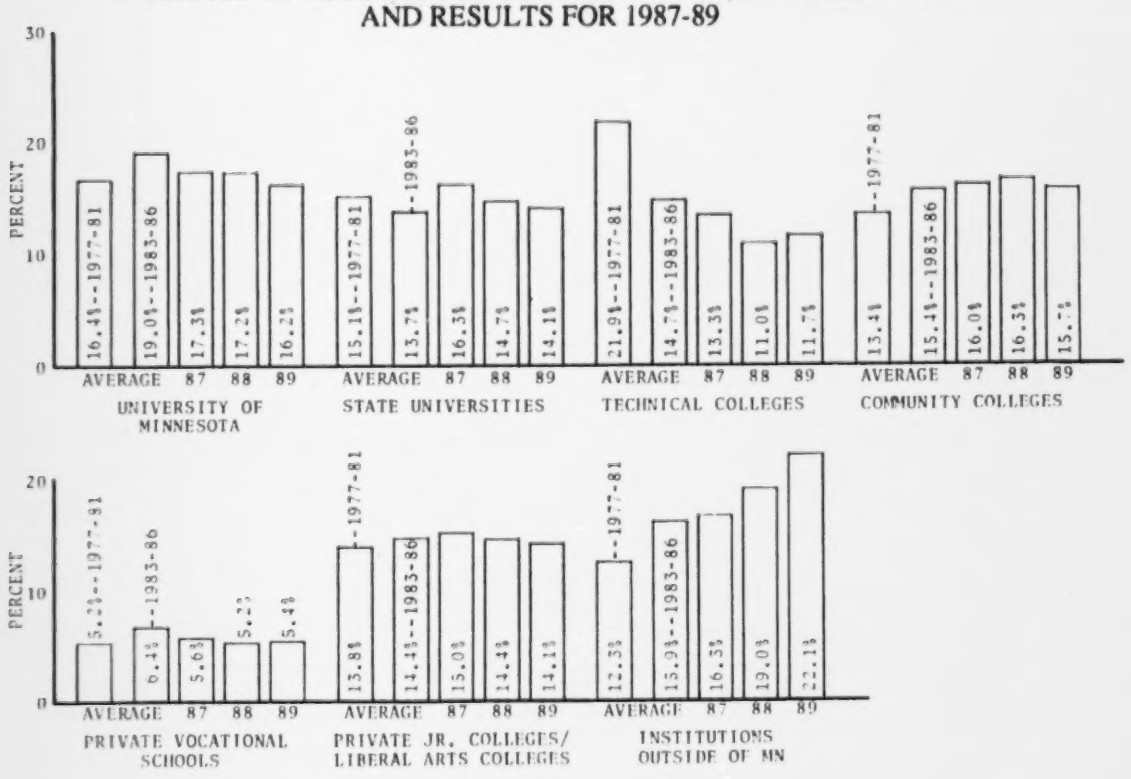
The percentages reported in Table 6 are intended to illustrate the type of post-secondary institution attended by students of the Class of 1989 ten to eleven months after leaving high school. Of those former students reporting an educational activity, 11.7 percent were attending a technical college; 16.2 percent were attending the University of Minnesota; 14.1 percent were attending a state university; 15.7 percent were attending a community college. One-third reported attending a Minnesota private college (14.1%) or an institution outside of Minnesota (22.1%).

Figure 6 illustrates the proportion of those former students who reported enrollment by type of institution from 1977 to 1989.

TABLE 6
SCHOOLS ATTENDED BY INDIVIDUALS AT PRESENT
CLASS OF 1989 - ALL STUDENTS
(Of Those Reporting Education Activity)

Status	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
University of Minnesota (all campuses)	17.7	492	14.9	506	16.2	998	-1.0
State Universities	12.0	332	15.9	541	14.1	873	-0.6
Technical Colleges	13.8	383	10.0	339	11.7	722	+0.7
Community College	16.2	449	15.3	521	15.7	970	-0.6
Private Vocational Schools (including health related and military)	4.4	122	6.3	214	5.4	336	+0.2
Private Jr. Colleges Liberal Arts Colleges	13.2	368	14.8	502	14.1	870	-0.3
Institutions Outside Minnesota	22.1	613	22.2	754	22.1	1367	+2.1
Schools Not Reported	0.7	19	0.6	19	0.6	38	-1.6
Total Reporting Schools	100.0	2778	100.0	3396	100.0	6174	

FIGURE 6
POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT
AVERAGE OF RESULTS FOR CLASSES 1977-81, CLASSES 1983-86
AND RESULTS FOR 1987-89



EMPLOYMENT ACTIVITY

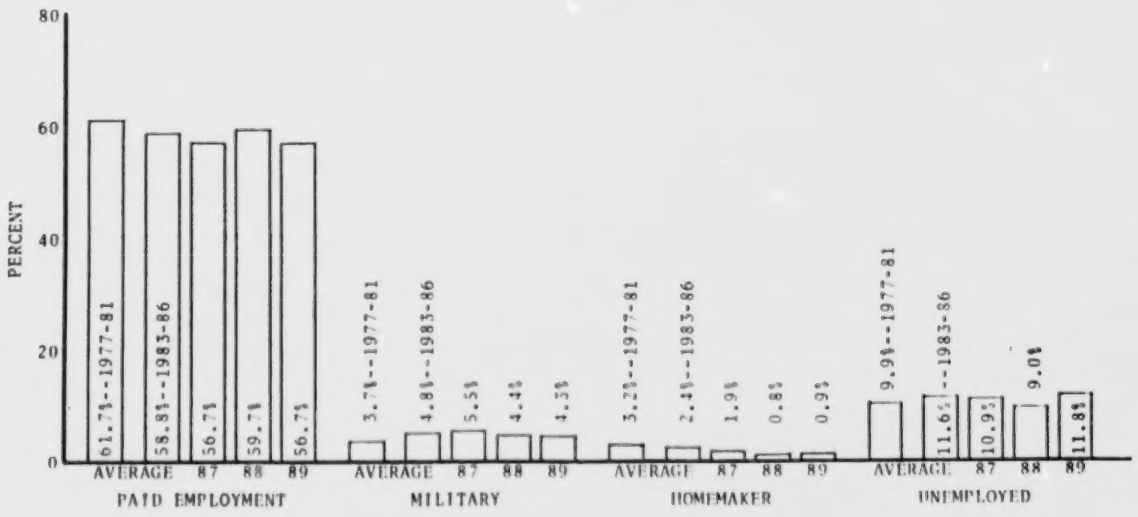
The employment activities of the Class of 1989 are summarized in Table 7. Nearly sixty percent of the class were employed at the time of the follow-up survey. While it appears that twelve percent of the class were unemployed, this figure includes those former students who are primarily in school but also seeking employment. A better understanding of the unemployment figure for the Class of 1989 may be obtained in Table 3, "Combination of Present Activities" which indicates an "unemployed only" status of 1.8 percent.

Figure 7 illustrates the employment activities of the Class of 1977 through 1989. It is apparent that the proportion of each class stating any employment related activity has varied from approximately 75 to 85 percent.

TABLE 7
PRESENT EMPLOYMENT ACTIVITY
CLASS OF 1989 - ALL STUDENTS

Status	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
Paid Employment	54.2	2874	59.2	3273	56.7	6147	-3.0
Homemaker	0.2	8	1.7	92	0.9	100	+0.1
Military	7.5	399	1.2	67	4.3	466	-0.1
Unemployed/Seeking Employment	11.8	625	11.8	652	11.8	1277	+2.8
Total Reporting Employment Activity	73.7	3906	73.8	4084	73.8	7990	-0.1
No Employment Activity	26.3	1393	26.2	1449	26.2	2842	+0.1
Total	100.0	5299	100.0	5533	100.0	10832	

FIGURE 7
PRESENT EMPLOYMENT ACTIVITY
AVERAGE OF RESULTS FOR CLASSES 1977-81, CLASSES 1983-86
AND RESULTS FOR 1987-89



EMPLOYMENT TIME STATUS

The time status for individuals employed is reported in Table 8. Full-time was defined as being employed 30 or more hours per week. Part-time was defined as being employed 29 or fewer hours per week.

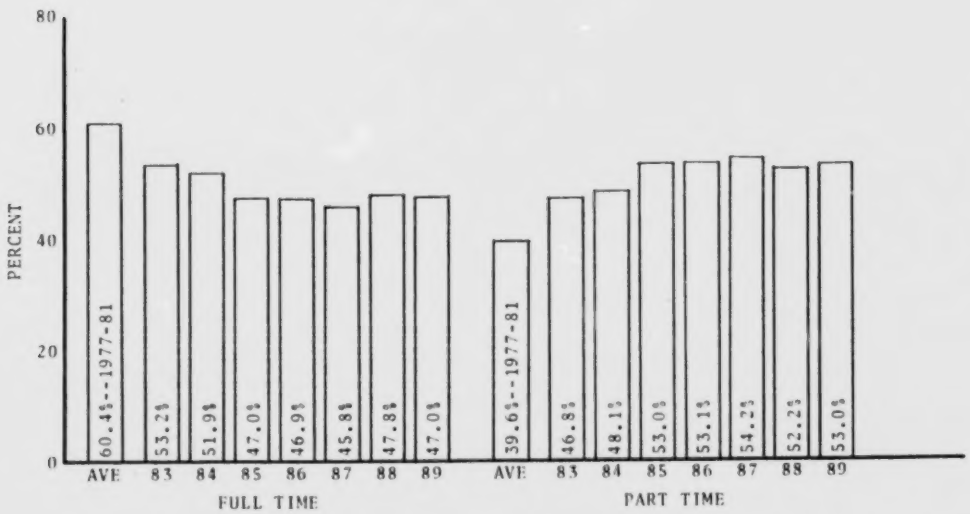
As shown in Table 8, forty-seven percent of the Class of 1989 reporting employment were employed full-time, with fifty-three percent of the class employed part-time.

The twelve-year trend data reported in Figure 8 reveals the tendency toward part-time employment for those former students employed. It should be noted that employment time status may be affected by participation in post-secondary education activities which have also changed over the past seven years.

TABLE 8
PRESENT STATUS OF EMPLOYED INDIVIDUALS
CLASS OF 1989 - ALL STUDENTS

Status	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
Full-Time	55.0	1531	40.1	1288	47.0	2819	-0.8
Part-Time	45.0	1252	59.9	1921	53.0	3173	+0.8
Total Reporting Time Status	100.0	2783	100.0	3209	100.0	5992	

FIGURE 8
TIME STATUS OF INDIVIDUALS EMPLOYED AT PRESENT
AVERAGE OF RESULTS FOR CLASSES 1977-81, AND RESULTS FOR 1983-89



WAGES EARNED BY INDIVIDUALS EMPLOYED AT PRESENT

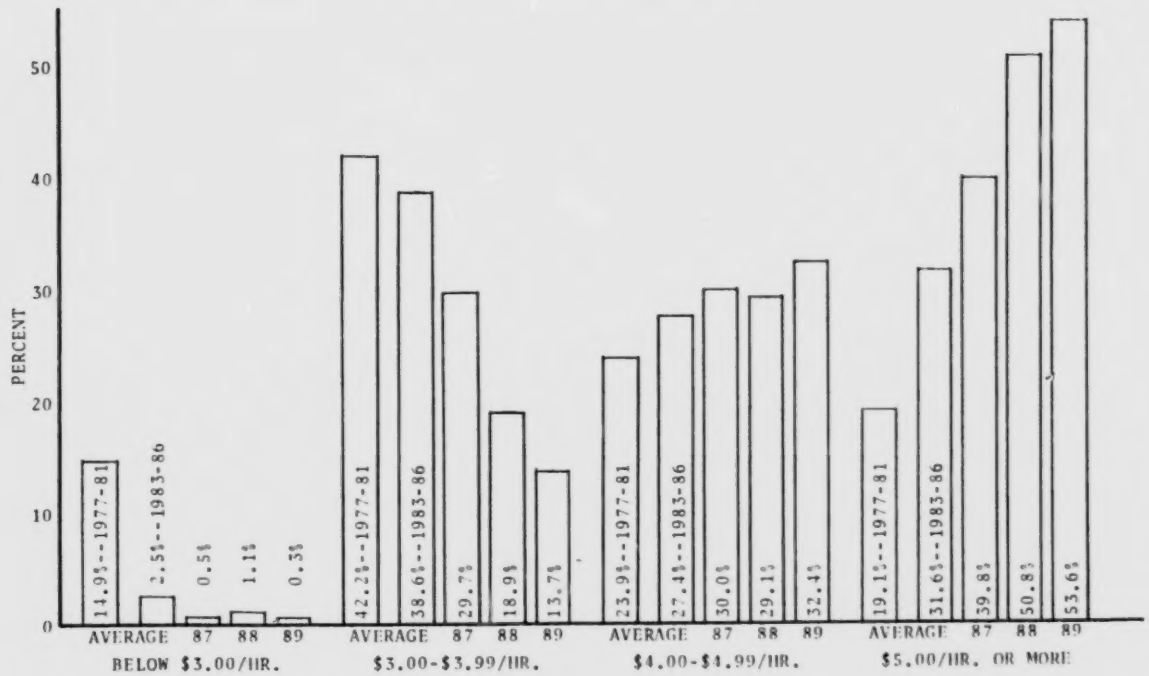
The wage distribution of the Class of 1989 who were employed at the time of the follow-up survey is reported in Table 9. About half reported earning $3.00 to $4.99 per hour. Over fifty percent of the class reported earning $5.00 or more per hour.

Figure 9 illustrates the wage distribution for the past twelve studies. Care should be exercised when interpreting these data due to changes in the minimum wage and inflation that have occurred over the period.

TABLE 9
WAGES OF INDIVIDUALS EMPLOYED AT PRESENT
CLASS OF 1989 - ALL STUDENTS

Status	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
Below $3.00 per hour	0.3	5	0.3	7	0.3	12	-0.8
$3.00 - $3.99 per hour	7.7	142	18.2	447	13.7	589	-5.2
$4.00 - $4.99 per hour	25.9	480	37.4	919	32.4	1399	+3.3
$5.00 - $5.99 per hour	28.7	533	24.0	590	26.0	1123	+4.3
$6.00 - $6.99 per hour	15.3	283	10.1	249	12.3	532	-0.2
$7.00 per hour or more	22.2	411	10.1	248	15.3	659	-1.3
Total Reporting Wages	100.0	1854	100.0	2460	100.0	4314	

FIGURE 9
WAGES FOR INDIVIDUALS EMPLOYED AT PRESENT
AVERAGE OF RESULTS FOR CLASSES 1977-81, CLASSES 1983-86
AND RESULTS FOR 1987-89



INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

The information presented in Table 10 categorizes the employment activities of former students by the type of industry in which they were employed at the time of the follow-up survey. The industry categories are the same as the broad reporting categories used by the United States Bureau of the Census.

Approximately forty percent of the Class of 1989 were employed in wholesale and retail trade. Twenty percent of the class were employed in professional and related services. Twelve percent of the class were employed by manufacturing firms.

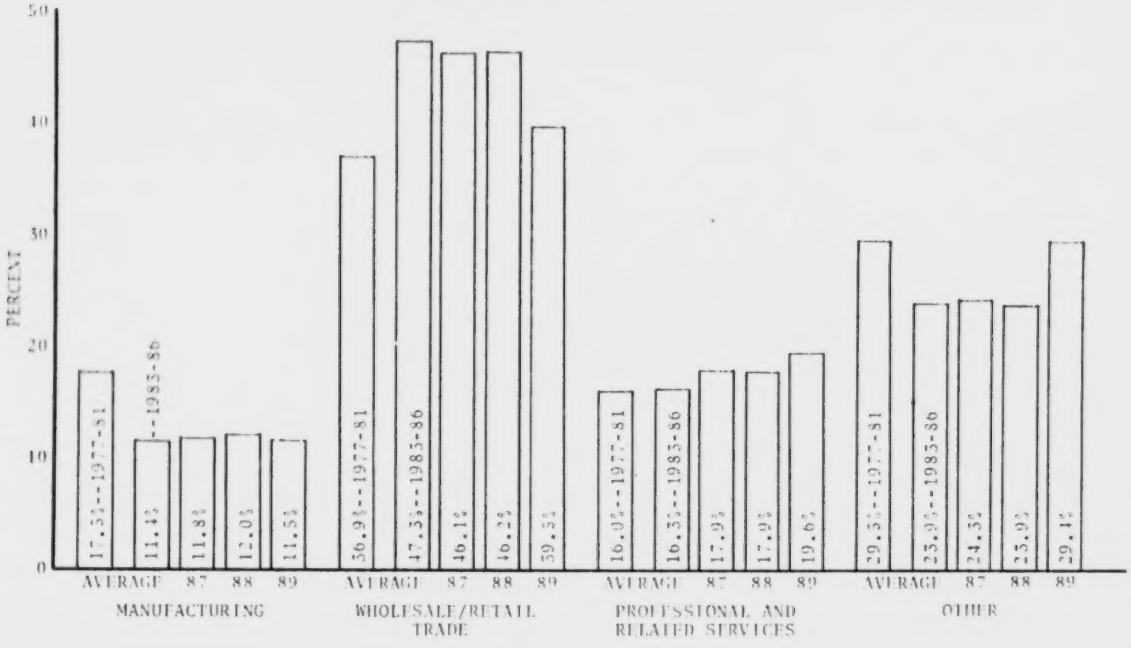
Figure 10 illustrates the distribution of employment by industry for the past twelve years. The proportion employed in wholesale and retail trade has generally been between forty and fifty percent of all respondents.

TABLE 10
INDUSTRIES IN WHICH RESPONDENTS ARE EMPLOYED
CLASS OF 1989 - ALL STUDENTS

Industry	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
Wholesale and Retail Trade	37.1	982	41.6	1289	39.5	2271	-6.7
Professional and Related Services	11.8	312	26.3	815	19.6	1127	+1.7
Manufacturing	15.7	417	7.9	244	11.5	661	-0.5
Personal Services	4.5	119	7.4	229	6.1	348	+2.1
Business and Repair Services	6.8	179	3.5	108	5.0	287	+0.9
Entertainment and Recreation Services	4.5	118	4.3	133	4.4	251	+0.9
Transportation, Communications, and Other Public Utilities	4.1	108	1.4	44	2.6	152	0.0
Construction	5.3	140	0.2	7	2.6	147	+0.4
Agriculture, Forestry, and Fisheries	4.9	129	0.4	13	2.5	142	+0.6
Finance, Insurance, and Real Estate	0.8	21	3.0	94	2.0	115	-0.7
Public Administration	1.1	29	0.9	27	1.0	56	+0.1
Mining	0.0	1	0.0	1	0.0	2	0.0
Industry Not Reported	3.5	94	3.0	94	3.3	188	+1.3
Total Reporting Industry	100.0	2649	100.0	3098	100.0	5747	

* A listing of specific industries for each of the categories above is provided in Appendix B.

FIGURE 10
INDUSTRIES IN WHICH RESPONDENTS ARE EMPLOYED AT PRESENT
AVERAGE OF RESULTS FOR CLASSES 1977-81, CLASSES 1983-86
AND RESULTS FOR 1987-89



OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Information relative to the occupations in which individuals were employed at the time of the follow-up is presented in Table 11. The categories used in Table 11 were the same as used by the U.S. Bureau of the Census. For the purposes of this report, an expanded form of the suggested abbreviated occupational classifications (Standard Occupational Codes - SOC) has been used.

Incorporating the Standard Occupational Classification into the Minnesota Secondary School Follow-Up System has the benefit of keeping the System current and compatible with Federal government reporting procedures. However, due to this change only ten years of occupational trend data will be presented in this report.

As shown in Table 11, over two-thirds of those employed were employed in service, marketing and sales, or clerical occupations. Nearly ninety percent of females cluster in these three occupational areas, as opposed to less than half of males.

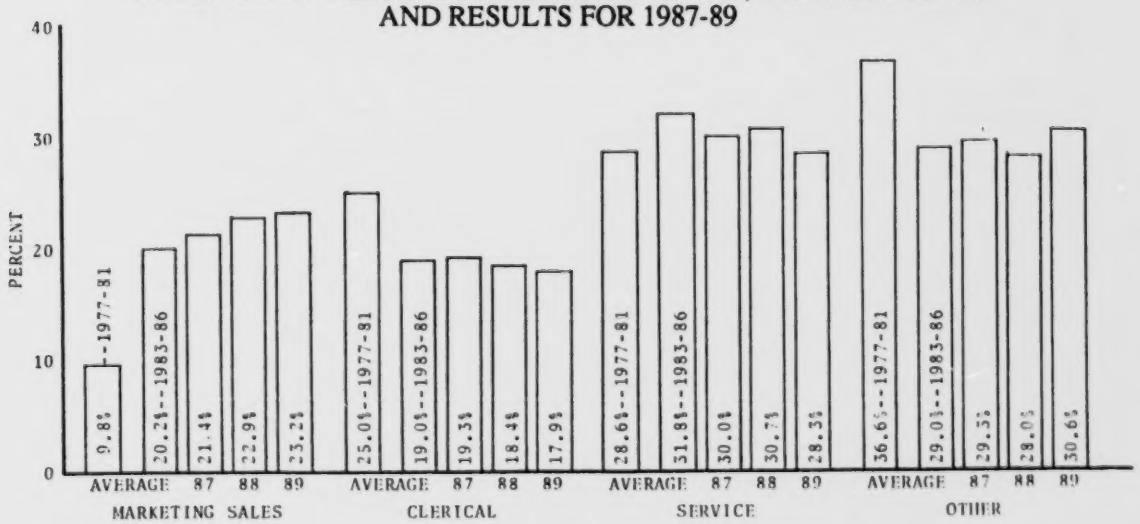
Figure 11 illustrates the changes that have taken place over the ten studies in proportion of employment by occupation. It is evident that the percentages have been relatively stable over the past six years.

TABLE 11
OCCUPATIONS IN WHICH RESPONDENTS ARE EMPLOYED
CLASS OF 1989 - ALL STUDENTS

Occupations	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
Service	23.2	621	32.8	1013	28.3	1634	-2.4
Marketing and Sales	16.4	439	29.0	896	23.2	1335	+0.3
Clerical	8.4	226	26.1	808	17.9	1034	-0.5
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	19.0	509	3.1	95	10.5	604	+2.1
Production	8.7	234	3.3	101	5.8	335	-1.7
Administrative, Engineering, Scientific Teaching, and Related Occupations Including Creative Artists	4.9	130	3.9	121	4.4	251	+1.8
Construction and Extractive	5.0	135	0.1	2	2.4	137	+0.6
Farming, Forestry, and Fishing	4.3	116	0.6	19	2.3	135	-0.2
Transportation and Material Moving	4.4	118	0.2	5	2.1	123	-0.2
Mechanics and Repairers	4.1	109	0.2	5	2.0	114	-0.1
Technologists and Technicians Including Health	1.4	38	0.8	26	1.1	64	+0.3
Total Reporting Occupations	100.0	2675	100.0	3091	100.0	5766	

* A listing of specific occupations for each of the categories above is provided in Appendix C.

FIGURE 11
OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT
AVERAGE OF RESULTS FOR CLASSES 1977-81, CLASSES 1983-86
AND RESULTS FOR 1987-89



Chapter 3:

PLANS VERSUS ACTUAL ACTIVITIES OF THE CLASS OF 1989

An integral part of the Minnesota Secondary Follow-Up System is the Career Planning Survey. The Career Planning Survey is administered to high school seniors approximately one month prior to their high school graduation date. The Career Planning Survey asks students questions concerning their high school program, basic skills, post high school plans, finality of plans, personal information, and family information. The Career Planning Survey data are analyzed and reported to each participating district.

The Follow-up component of the Secondary Follow-Up System, as stated in Chapter 1, gathers information on students' post high school activities approximately one year after students leave high school. The entire follow-up procedure links student base information, plans and post high school employment and/or educational activity.

Approximately 96 Minnesota high schools collected both Career Planning Survey and Follow-up data for the Class of 1989. These data were collected at two different time periods. The Minnesota Secondary Follow-Up System procedures insure that each student's Career Planning Survey and Follow-up data are correctly matched. This merge resulted in a data file containing 11,167 students.

The comparison of "plans versus actual activities" is accomplished via the students' combinations of plans/activities. The combinations of plans/activities was chosen because it allows for a better view of what the students are planning/doing with their time, in that a total picture of what a student is planning/doing is more apparent. It also creates mutually exclusive categories. Table 12 illustrates the combination of plans from the Class of 1989 as measured by the Career Planning Survey.

TABLE 12
COMBINATION OF PLANS OF THE CLASS OF 1989 AS GATHERED FROM THE CAREER PLANNING SURVEY

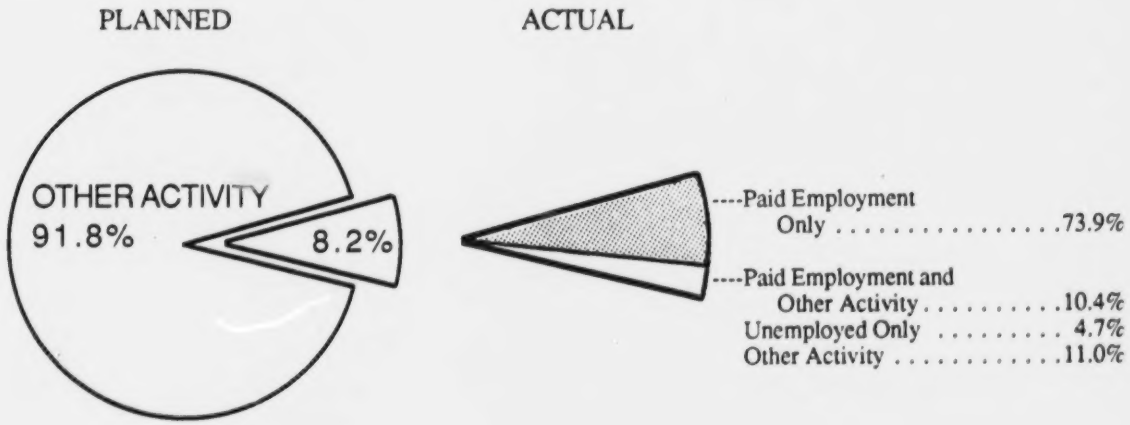
Survey	Male Percent	N	Female Percent	N	Total Percent	N	% Change From 1988
Paid Employment Only	8.6	476	7.7	437	8.2	913	-0.6
Vocational School and Paid Employment	13.2	729	11.9	673	12.6	1402	-0.3
Community College and Employment	9.3	512	10.1	568	9.7	1080	-2.1
College or University and Employment	26.2	1445	29.9	1690	28.1	3135	-1.4
Vocational School Only	2.5	138	1.8	104	2.2	242	+0.1
Community College Only	2.1	118	2.3	130	2.2	248	+0.4
College or University Only	11.8	653	13.9	787	12.9	1440	0.0
Other Combinations	26.2	1445	22.3	1262	24.2	2707	+3.9
Total Completing Career Planning Surveys	100.0	5516	100.0	5651	100.0	11167	

ACTUAL ACTIVITY OF THOSE PLANNING EMPLOYMENT ONLY

Of the members of the Class of 1989 who completed a Career Planning Survey, **8.2 percent**, or 913 indicated they planned to be employed only one year after leaving high school. Of the 8.2 percent, 635, or 69.5 percent, returned the follow-up form and indicated their present activity.

Of that 635, **73.9 percent**, or 469 individuals, were actually employed only at the time of the follow-up survey. 66 people, or 10.4 percent of those planning employment only, were also employed, but in combination with another activity, such as attending a vocational school. Therefore, **84.5 percent** , or 535 of the 635 planning employment only and who returned the follow-up survey, were engaged **in employment** at the time of the study.

FIGURE 12
PLANS OF THE CLASS OF 1989 VERSUS THE ACTUAL ACTIVITIES OF THOSE PLANNING EMPLOYMENT ONLY

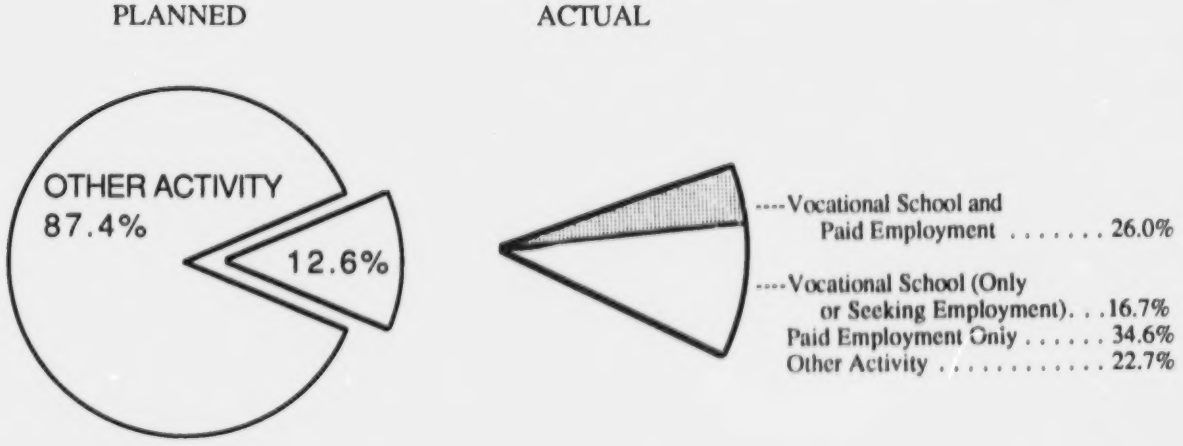

PLANNED
ACTUAL
OTHER ACTIVITY
91.8%
8.2%
----Paid Employment Only 73.9%
----Paid Employment and Other Activity 10.4%
Unemployed Only 4.7%
Other Activity 11.0%

ACTUAL ACTIVITY OF THOSE PLANNING EMPLOYMENT AND VOCATIONAL SCHOOL

Of the members of the Class of 1989 who completed a Career Planning Survey, **12.6 percent**, or 1,402, indicated they planned to be employed and attending a vocational school one year after leaving high school. Of the 12.6 percent, 1,056 former students, or 75.3 percent, returned the follow-up form and indicated their present activity. Of that 1,056, 275 individuals, or **twenty-six percent** were actually employed and attending a vocational school at the time of the follow-up survey. 34.6 percent, 365 of those planning employment and vocational school, were involved in employment only. Some of those may have completed a vocational program between high school completion and the time of the survey. 176 (16.7 percent) were engaged in either vocational school only or vocational school and seeking employment.

Upon further study of what those planning vocational school were doing in the three time periods between graduation and the study, 52.7 percent of this group actually attended vocational school at some time during the year. It is difficult to determine the retention statistics for vocational schools since vocational programs vary greatly in length.

FIGURE 13
PLANS OF THE CLASS OF 1989 VERSUS THE ACTUAL ACTIVITIES OF THOSE PLANNING EMPLOYMENT AND VOCATIONAL SCHOOL



ACTUAL ACTIVITY OF THOSE PLANNING EMPLOYMENT AND COMMUNITY COLLEGE

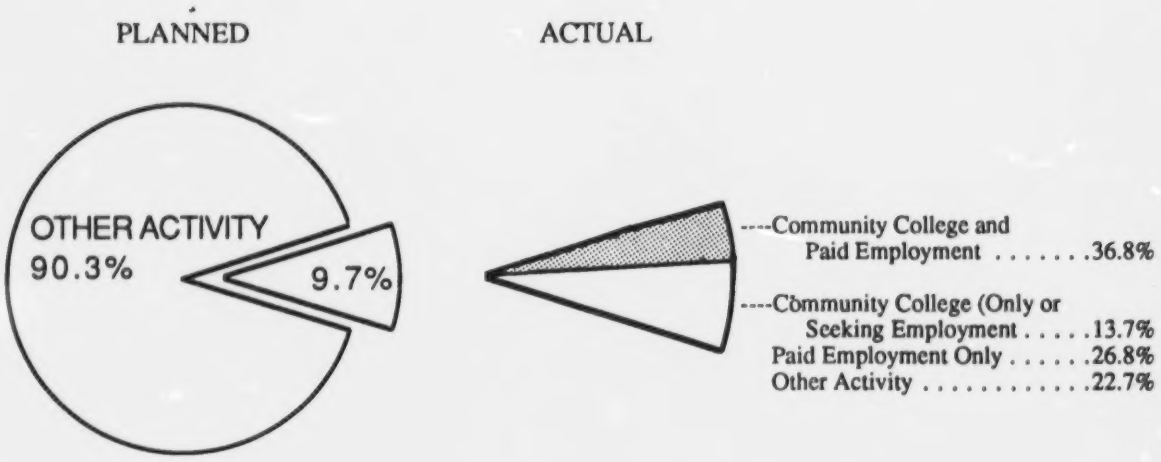
Of the members of the Class of 1989 who completed a Career Planning Survey, **9.7 percent**, or 1,080, indicated they planned to be employed and attending a community college one year after leaving high school. Of the 9.7 percent, 824 former students, or 76.3 percent, returned the follow-up form and indicated their present activity.

Of that 824, **36.8 percent**, or 303 individuals, were actually employed and attending a community college at the time of the follow-up survey. Over one-fourth (26.8 percent or 221 individuals) of those planning employment and community college were employed only. Another 13.7 percent (113 former students) were either attending a community college only or attending one and seeking employment.

Therefore, at the time of the follow-up, **50.5 percent** of those planning employment and community college were enrolled in a community college.

63.1 percent had been involved in community college at some point during the year since the class graduated.

FIGURE 14
PLANS OF THE CLASS OF 1989 VERSUS THE ACTUAL ACTIVITIES OF THOSE PLANNING EMPLOYMENT AND COMMUNITY COLLEGE


PLANNED
ACTUAL
OTHER ACTIVITY
90.3%
9.7%
----Community College and Paid Employment 36.8%
----Community College (Only or Seeking Employment 13.7%
Paid Employment Only 26.8%
Other Activity 22.7%

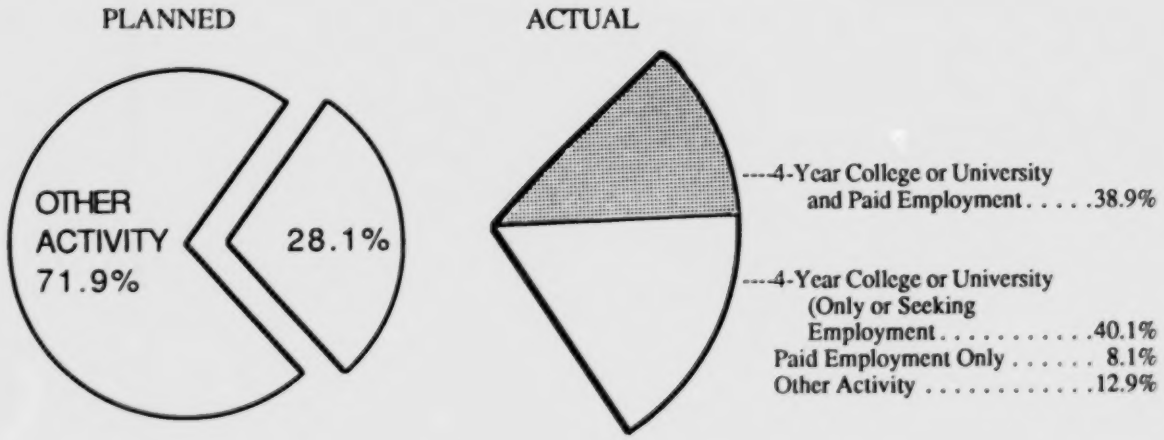
ACTUAL ACTIVITY OF THOSE PLANNING EMPLOYMENT AND COLLEGE OR UNIVERSITY

Of the members of the Class of 1989 who completed a Career Planning Survey, **28.1 percent**, or 3,135, indicated they planned to be employed and attending a college or university one year after leaving high school. Of the 28.1 percent, 2,596 former students, or 82.8 percent, returned the follow-up form and indicated their present activity.

Of that 2,596, **38.9 percent**, or 1,011 individuals, were actually employed and attending a college or university at the time of the follow-up survey. Another 1,040 individuals (40.1 percent) were attending a college or university, either exclusively or also seeking employment. 8.1 percent (209) were employed only. At the time of the follow-up, seventy-nine percent of those planning to be employed and attending a college or university were attending a college or university. 51.8 percent were engaged in some form of employment.

Upon further study of what those planning this activity were doing in three-month increments following graduation, it appears that nearly **ninety percent** attended a college or university at some point during the year.

FIGURE 15
PLANS OF THE CLASS OF 1989 VERSUS THE ACTUAL ACTIVITIES OF THOSE PLANNING EMPLOYMENT AND 4 YR. COLLEGE OR UNIVERSITY


PLANNED
ACTUAL
OTHER ACTIVITY 71.9%
28.1%
----4-Year College or University and Paid Employment 38.9%
----4-Year College or University (Only or Seeking Employment 40.1%
Paid Employment Only 8.1%
Other Activity 12.9%

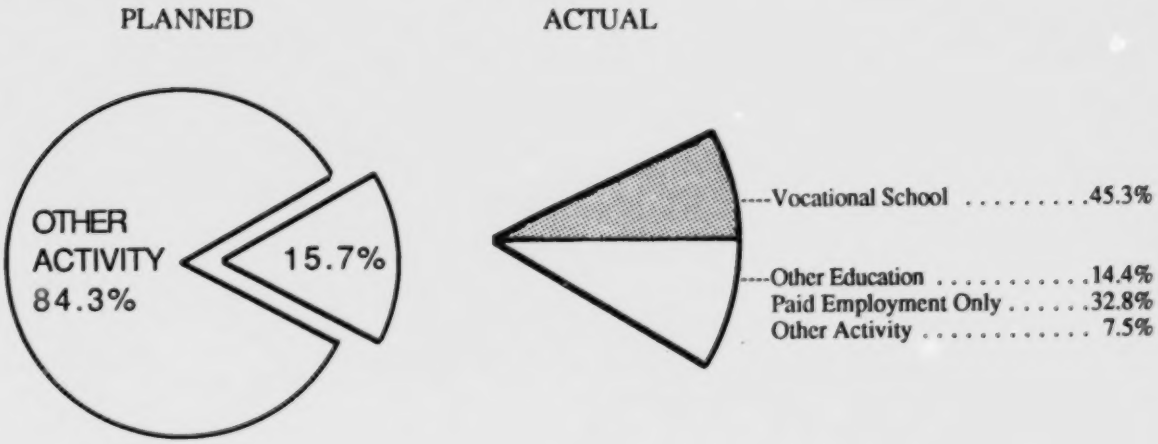
ACTUAL ACTIVITY OF THOSE PLANNING VOCATIONAL SCHOOL

Of the members of the Class of 1989 who completed a Career Planning Survey, **15.7 percent**, or 1,756, indicated they planned to be attending a vocational school one year after leaving high school. Of the 15.7 percent, 1,331 former students, or 75.8 percent, returned the follow-up form and indicated their present activity.

Of that 1,331, **45.3 percent**, or 603 individuals, were actually attending a vocational school at the time of the follow-up survey. 192 people, or 14.4 percent, were attending another form of education. 32.8 percent, or 437 individuals were employed only at the time of the follow-up. Some of these may have completed their vocational program prior to the survey.

In studying the three-month time increments between the classes' graduation and the time of the follow-up study, it appears that **fifty-five percent** of this group did attend a vocational school at some time. It is difficult to determine the retention statistics for vocational schools since vocational programs vary greatly in length.

FIGURE 16
PLANS OF THE CLASS OF 1989 VERSUS THE ACTUAL ACTIVITIES OF THOSE PLANNING VOCATIONAL SCHOOL


PLANNED
ACTUAL
OTHER ACTIVITY 84.3%
15.7%
Vocational School 45.3%
Other Education 14.4%
Paid Employment Only 32.8%
Other Activity 7.5%

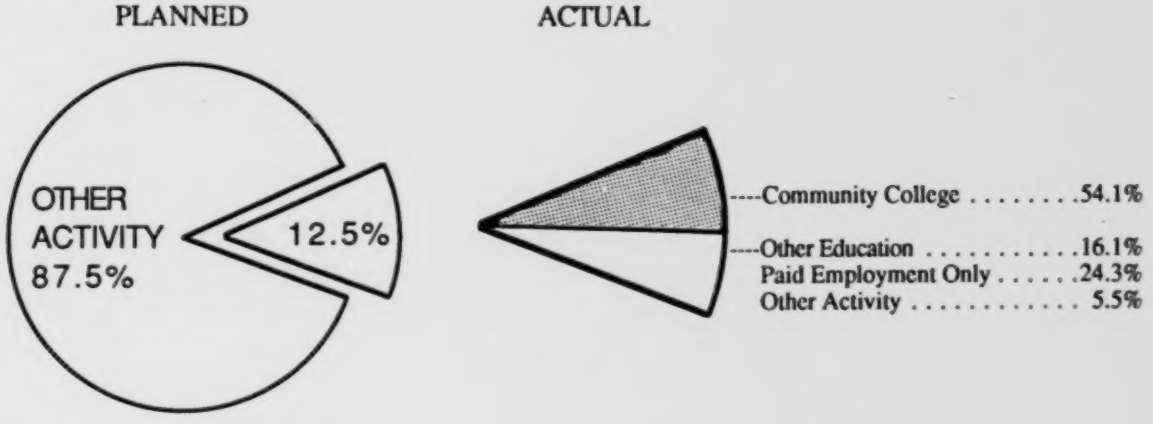
ACTUAL ACTIVITY OF THOSE PLANNING COMMUNITY COLLEGE

Of the members of the Class of 1989 who completed a Career Planning Survey, **12.5 percent**, or 1,400, indicated they planned to be attending a community college one year after leaving high school. Of the 12.5 percent, 1,077 former students, or seventy-seven percent, returned the follow-up form and indicated their present activity.

Of that 1,077, **54.1 percent**, or 583 individuals, were actually attending a community college at the time of the follow-up survey. Another 173 people, or 16.1 percent, were involved in another form of education. 24.3 percent (262 people) were employed only at the time of the survey.

In reviewing the activities of this group for the three-month intervals since graduation, it is estimated that nearly two-thirds did attend a community college at some point.

FIGURE 17
PLANS OF THE CLASS OF 1989 VERSUS THE ACTUAL ACTIVITIES OF THOSE PLANNING COMMUNITY COLLEGE


PLANNED
ACTUAL
OTHER ACTIVITY 87.5%
12.5%
----Community College 54.1%
----Other Education 16.1%
Paid Employment Only 24.3%
Other Activity 5.5%

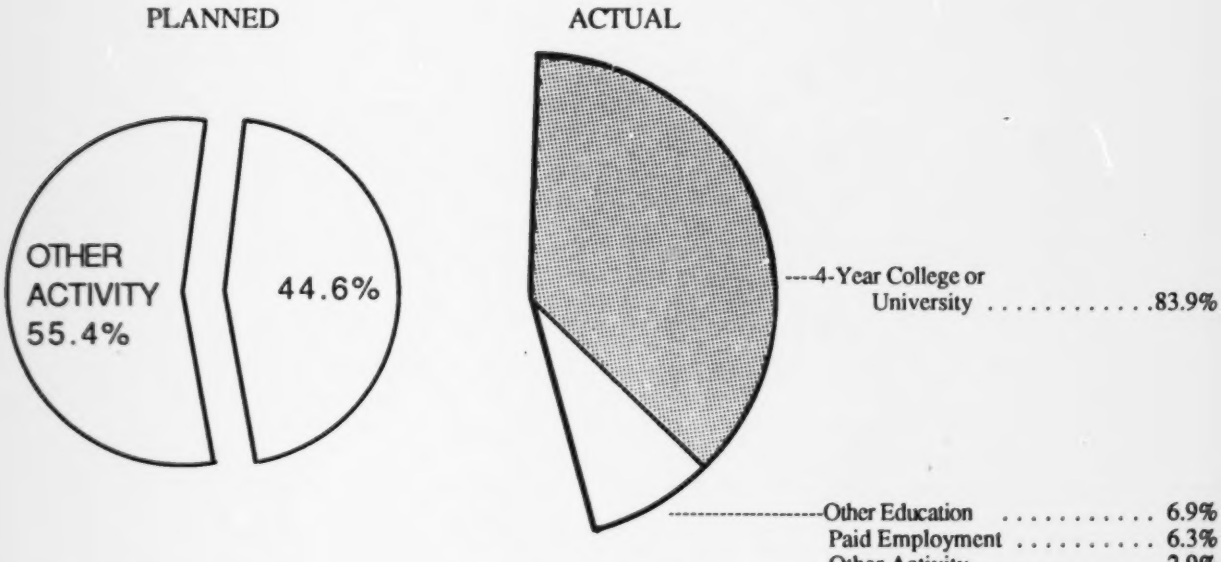
ACTUAL ACTIVITY OF THOSE PLANNING COLLEGE OR UNIVERSITY

Of the members of the Class of 1989 who completed a Career Planning Survey, **44.6 percent**, or 4,978, indicated they planned to be attending a college or university one year after leaving high school. Of the 44.6 percent, 4,169 former students, or 83.7 percent, returned the follow-up form and indicated their present activity.

Of that 4,169, **83.9 percent**, or 3,497 individuals, were attending a college or university at the time of the follow-up survey. Another 288 individuals, or 6.9 percent, were engaged in another form of education. Of the students indicating college or university plans, 261 (6.3 percent) were employed only at the time of the survey.

Because former students were asked to report their post high school activity in three-month increments, it was learned that over **ninety percent** of those in this category who reported did attend a college or university at some point during the year following graduation of the class.

FIGURE 18
PLANS OF THE CLASS OF 1989 VERSUS THE ACTUAL ACTIVITIES OF THOSE PLANNING 4 YR. COLLEGE OR UNIVERSITY


PLANNED
ACTUAL
OTHER ACTIVITY 55.4%
44.6%
4-Year College or University 83.9%
Other Education 6.9%
Paid Employment 6.3%
Other Activity 2.9%

Chapter 4:

SUMMARY OF THE CLASS OF 1989 BY CURRICULUM AREA

In addition to collecting follow-up information from their former students, the 97 schools which participated in the follow-up system also reported classes which these students took while in high school.

The curricular areas were drawn from Handbook VI, "Standard Terminology for Curriculum and Instruction in Local and State School Systems," developed by the National Center for Educational Statistics. The curricular areas used were:

Agriculture*
Art
Business
Distributive Education*
English
Foreign Language
Health Occupations*
Health-Physical Education
Home Economics*
Industrial Technology
Mathematics
Music
Natural Science
Office Occupations*
Service Occupations*#
Social Studies
Trade and Industrial Education*

By using these categories, it was possible to identify and summarize the post-high school activities of students who took courses in each category. These summaries are presented in the following sections of this chapter.

In each section, nine tables are used to summarize the data reported by each group of students. These data are broken down into 200 hour cohorts to better illustrate the possible relationships between number of course hours taken and post-high school education and employment activities. The authors wish to point out that these are to be observed as mere relationships, not causes and effects. A breakdown by sex is also presented. It should be noted that in some cases columns do not total 100% due to rounding.

Because each curriculum section is reported in a manner to allow for separate use, tables and figures are not numbered as in other chapters.

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* Represents a vocationally reimbursed curriculum area.

Represents a curriculum area not included in Handbook VI.

CLASS OF 1989 AGRICULTURE STUDENTS

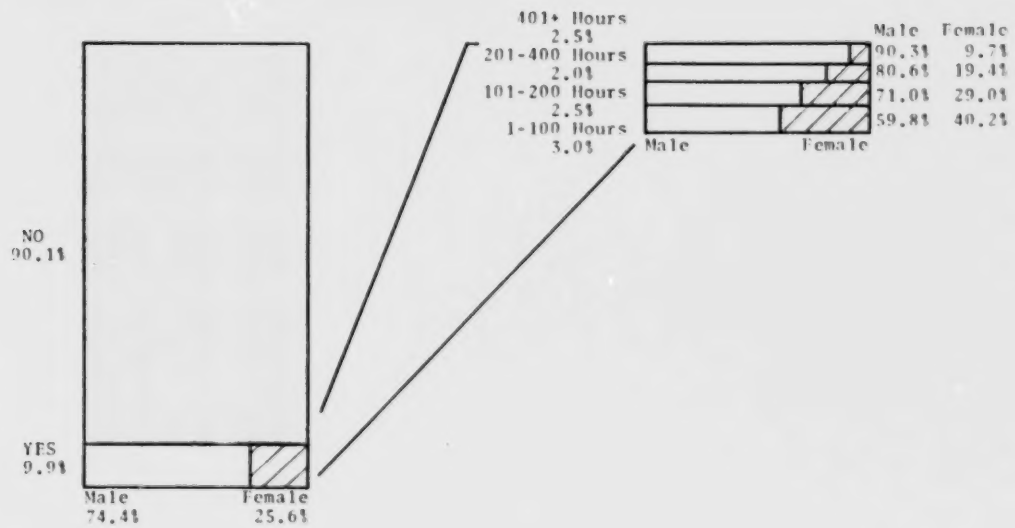
Agriculture classes were selected by **9.9 percent** of the 14,636 students who participated in the followup study. The data reported in this section include the 1,453 students who completed one or more courses in the curriculum category of Agriculture.

Approximately three-fourths (74.4 percent) of the Agriculture students were male, and 25.6 percent were female. Of these students surveyed, 75.3 percent responded with a completed, or substantially completed, questionnaire. These data are broken down into two-hundred hour cohorts. Courses in this curriculum category include, but are not limited to: Agriculture Production, Farm Business Management, Farm Mechanics, and Ornamental Horticulture.

Of the 1,453 Agriculture students, 796 had from 1 to 200 hours of courses; 292 students had courses totaling 201 to 400 hours; 365 had 401 or more hours of course work. The total percentage of students who selected any Agriculture courses increased 0.6 over the Class of 1988 study.

PARTICIPATION IN AGRICULTURE

Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 AGRICULTURE STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	63.6	58.9	62.7	61.1	66.3	62.4
Return Incomplete	11.9	13.0	14.8	13.8	10.2	12.9
No Return Received	24.5	28.1	22.5	25.1	23.5	24.7
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(796)	(292)	(365)	(1079)	(374)	(1453)

CLASS OF 1989 AGRICULTURE STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	17.1	19.3	21.0	18.6	18.5	18.6
Community College	10.7	10.4	10.3	8.9	15.4	10.6
4-year College or University	24.0	15.6	15.2	18.1	26.2	20.2
Apprenticeship	0.2	0.9	1.7	1.0	0.0	0.7
Other Education	1.3	1.9	1.0	1.1	2.1	1.3
EMPLOYMENT						
Paid Employment	57.1	54.7	65.5	57.5	62.6	58.8
Homemaker	0.6	0.5	0.0	0.0	1.7	0.4
Military	8.5	11.3	8.3	11.3	2.1	9.0
Unemployed	12.3	8.5	6.9	9.9	11.2	10.2
OTHER						
Other Activity	3.0	2.8	3.8	3.2	3.1	3.2
Total Responses	134.9	125.9	133.8	129.5	143.0	132.9
	(842)	(267)	(388)	(1088)	(409)	(1497)
Total Reporting Activity	100.0 (624)	100.0 (212)	100.0 (290)	100.0 (840)	100.0 (286)	100.0 (1126)

CLASS OF 1989 AGRICULTURE STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	32.4	36.8	41.1	37.1	30.8	35.5
Paid Employment and Vocational School	9.0	9.9	9.8	9.1	10.1	9.4
Paid Employment and Community College	7.4	3.8	5.9	4.4	11.9	6.3
Paid Employment and College or University	6.9	2.8	7.0	5.1	9.1	6.1
Vocational School (only)	6.6	8.0	8.4	7.7	6.3	7.3
Community College (only)	1.8	3.8	2.8	2.6	1.7	2.4
4-year College or University (only)	11.2	10.8	5.2	9.0	11.5	9.6
Education and Seeking Employment	7.5	5.2	3.8	5.6	7.7	6.1
Unemployed (only)	4.2	3.3	2.1	3.7	2.8	3.5
Activities Other Than The Above	13.0	15.6	13.9	15.7	8.0	13.7
Total Reporting Activity	100.0 (623)	100.0 (212)	100.0 (287)	100.0 (836)	100.0 (286)	100.0 (1122)

CLASS OF 1989 AGRICULTURE STUDENTS
PERCENT STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	87.0	85.7	89.7	90.7	80.4	87.5
Part-Time	13.0	14.3	10.3	9.3	19.6	12.5
Total Reporting Status	100.0 (301)	100.0 (91)	100.0 (126)	100.0 (355)	100.0 (163)	100.0 (518)

CLASS OF 1989 AGRICULTURE STUDENTS
PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	5.8	16.1	15.7	10.9	8.2	10.1
State Universities	16.9	8.6	5.2	10.9	16.3	12.6
Area Vocational-Technical Institutes	28.8	37.6	39.1	38.1	21.1	32.9
Community College	16.5	17.2	20.0	16.8	19.0	17.5
Private Vocational Schools (including health related)	6.1	5.4	5.2	4.4	8.8	5.8
Private Jr. Colleges Liberal Arts Colleges	7.2	3.2	1.7	5.9	3.4	5.1
Institutions Outside Minnesota	16.9	11.8	11.3	11.8	21.1	14.6
Schools Not Reported	1.8	0.0	1.7	1.2	2.0	1.4
Total Reporting Schools	100.0 (278)	100.0 (93)	100.0 (115)	100.0 (339)	100.0 (147)	100.0 (486)

CLASS OF 1989 AGRICULTURE STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	61.6	75.9	71.5	72.0	53.4	66.9
Part-Time	38.4	24.1	28.5	28.0	46.6	33.1
Total Reporting Employed Status	100.0 (346)	100.0 (112)	100.0 (186)	100.0 (468)	100.0 (176)	100.0 (644)

CLASS OF 1989 AGRICULTURE STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.8	0.0	0.0	0.6	0.0	0.4
$3.00 - $3.99 per hour	13.3	8.5	8.3	8.5	17.2	11.0
$4.00 - $4.99 per hour	28.9	26.8	20.5	21.9	36.6	26.1
$5.00 - $5.99 per hour	23.7	14.6	27.3	21.6	26.9	23.1
$6.00 - $6.99 per hour	12.9	14.6	14.4	15.8	8.2	13.6
$7.00 per hour or more	20.5	35.4	29.5	31.6	11.2	25.7
Total Reporting Wages	100.0 (249)	100.0 (82)	100.0 (132)	100.0 (329)	100.0 (134)	100.0 (463)

CLASS OF 1989 AGRICULTURE STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	5.5	13.2	26.1	16.9	2.4	12.9
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	3.4	8.5	10.0	8.5	0.0	6.2
Manufacturing	19.3	23.6	18.9	22.5	13.2	19.9
Transportation, Communications, and Other Public Utilities	2.1	3.8	6.1	4.5	1.2	3.6
Wholesale and Retail Trade	28.8	27.4	20.6	23.4	33.5	26.1
Finance, Insurance, and Real Estate	0.6	0.9	1.7	0.2	3.0	1.0
Business and Repair Services	7.4	5.7	2.8	6.5	3.6	5.7
Personal Services	8.0	6.6	3.3	5.6	8.4	6.4
Entertainment and Recreation Services	5.2	0.0	1.1	2.0	6.0	3.1
Professional and Related Services	16.0	7.5	6.1	6.3	25.7	11.6
Public Administration	0.6	0.0	0.6	0.4	0.6	0.5
Industry Not Reported	3.1	2.8	2.8	3.1	2.4	2.9
Total Reporting Activity	100.0 (326)	100.0 (106)	100.0 (180)	100.0 (445)	100.0 (167)	100.0 (612)

CLASS OF 1989 AGRICULTURE STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	2.7	1.0	1.6	2.2	1.8	2.1
Technologists and Technicians Including Health	0.9	0.0	0.5	0.7	0.6	0.6
Marketing and Sales	16.9	13.6	7.0	9.5	24.1	13.4
Clerical	13.0	1.0	4.8	3.3	22.9	8.5
Service	24.7	13.6	13.4	13.2	36.7	19.5
Farming, Forestry, and Fishing	3.0	9.7	22.0	12.7	1.8	9.8
Construction and Extractive	2.7	13.6	6.5	7.7	0.0	5.6
Transportation and Material Moving	2.1	1.9	5.4	4.2	0.0	3.1
Mechanics and Repairers	4.5	6.8	7.0	7.5	0.6	5.6
Production	13.3	16.5	14.0	15.8	9.0	14.0
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	16.3	22.3	17.7	23.3	2.4	17.7
Total Reporting Occupations	100.0 (332)	100.0 (103)	100.0 (186)	100.0 (455)	100.0 (166)	100.0 (621)

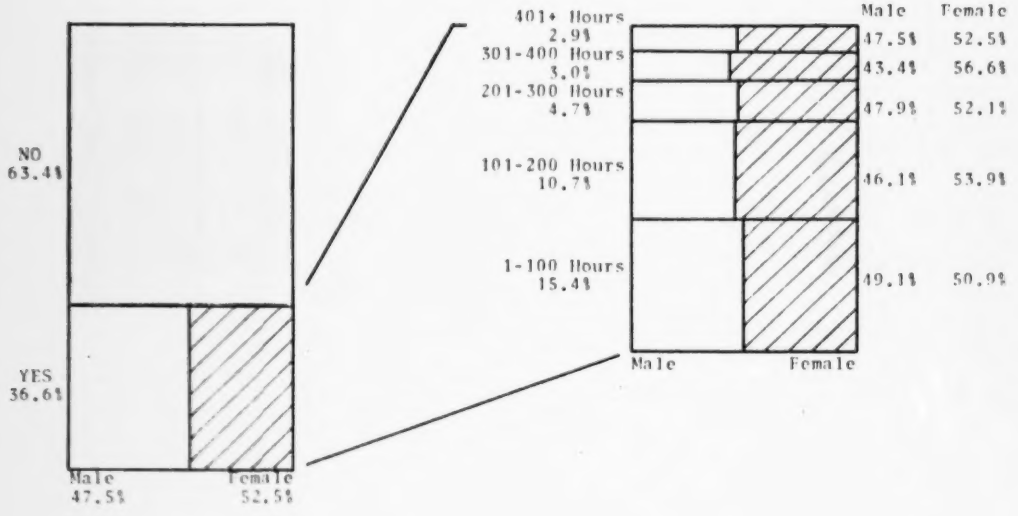
CLASS OF 1989 ART STUDENTS

Art classes were selected by **36.6 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 5,361 students who completed one or more courses in the curriculum category of Art.

47.5 percent of these Art students were male, and 52.5 percent were female. Of these students surveyed, 72.6 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Art History, Basic Design, Drawing, and Sculpture.

Of the 5,361 Art students, 3,814 had from 1 to 200 hours of courses; 1,127 students had courses totaling 201 to 400 hours; and 420 had 401 or more hours of course work. The total percentage of students who had selected any Art courses remained the same as the Class of 1988 study.

PARTICIPATION IN ART
Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 ART STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	63.0	62.5	64.0	58.3	67.2	63.0
Return Incomplete	9.5	9.1	12.1	10.6	8.7	9.6
No Return Received	27.5	28.5	23.8	31.1	24.2	27.4
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(3814)	(1127)	(420)	(2544)	(2817)	(5361)

CLASS OF 1989 ART STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	10.5	10.3	12.2	11.0	10.3	10.6
Community College	12.3	13.6	12.2	13.2	12.0	12.5
4-year College or University	38.3	36.4	36.7	32.1	42.4	37.8
Apprenticeship	0.3	0.3	0.3	0.4	0.1	0.3
Other Education	2.1	3.1	1.6	1.4	3.0	2.3
EMPLOYMENT						
Paid Employment	58.1	63.5	65.3	57.4	61.8	59.8
Homemaker	1.6	1.0	0.3	0.2	2.3	1.4
Military	4.7	2.6	4.5	8.0	1.2	4.3
Unemployed	10.4	7.9	11.3	9.3	10.5	10.0
OTHER						
Other Activity	3.6	3.5	2.6	3.4	3.5	3.5
Total Responses	141.9	142.3	146.9	136.5	147.1	142.4
	(3789)	(1131)	(457)	(2315)	(3062)	(5377)
Total Reporting Activity	100.0	100.0	100.0	100.0	100.0	100.0
	(2671)	(795)	(311)	(1696)	(2081)	(3777)

CLASS OF 1989 ART STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	26.4	30.0	30.5	29.8	25.6	27.5
Paid Employment and Vocational School	6.4	5.9	7.4	6.4	6.3	6.4
Paid Employment and Community College	7.8	10.0	9.3	7.9	8.7	8.4
Paid Employment and College or University	16.2	15.4	17.4	11.8	19.6	16.1
Vocational School (only)	3.2	3.9	2.3	3.3	3.3	3.3
Community College (only)	2.9	2.6	2.3	3.8	2.0	2.8
4-year College or University (only)	16.3	15.6	12.5	15.4	16.2	15.8
Education and Seeking Employment	7.2	5.4	8.7	6.6	7.3	7.0
Unemployed (only)	2.7	1.9	2.3	2.5	2.4	2.5
Activities Other Than The Above	11.0	9.2	7.4	12.5	8.6	10.3
Total Reporting Activity	100.0	100.0	100.0	100.0	100.0	100.0
	(2662)	(793)	(311)	(1692)	(2074)	(3766)

CLASS OF 1989 ART STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	82.7	81.2	79.9	83.3	81.4	82.2
Part-Time	17.3	18.8	20.1	16.7	18.6	17.8
Total Reporting Status	100.0 (1557)	100.0 (457)	100.0 (174)	100.0 (896)	100.0 (1292)	100.0 (2188)

CLASS OF 1989 ART STUDENTS
PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	15.0	16.0	20.4	16.3	15.3	15.7
State Universities	14.3	14.2	7.6	11.5	15.2	13.7
Area Vocational-Technical Institutes	13.4	14.5	13.4	16.0	12.0	13.6
Community College	17.6	18.1	17.8	20.6	15.8	17.7
Private Vocational Schools (including health related)	7.7	8.4	10.2	7.0	8.8	8.1
Private Jr. Colleges Liberal Arts Colleges	10.5	9.7	12.7	10.2	10.7	10.5
Institutions Outside Minnesota	21.0	18.8	17.8	18.0	21.9	20.3
Schools Not Reported	0.5	0.3	0.0	0.4	0.4	0.4
Total Reporting Schools	100.0 (1332)	100.0 (393)	100.0 (157)	100.0 (762)	100.0 (1120)	100.0 (1882)

CLASS OF 1989 ART STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	51.3	48.9	52.1	57.4	45.9	50.8
Part-Time	48.7	51.1	47.9	42.6	54.1	49.2
Total Reporting Employed Status	100.0 (1524)	100.0 (493)	100.0 (194)	100.0 (940)	100.0 (1271)	100.0 (2211)

CLASS OF 1989 ART STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.7	0.0	0.0	0.5	0.4	0.5
$3.00 - $3.99 per hour	12.5	12.6	9.6	6.8	15.8	12.3
$4.00 - $4.99 per hour	29.9	32.6	35.6	22.6	36.4	31.0
$5.00 - $5.99 per hour	28.0	28.4	27.4	30.6	26.4	28.0
$6.00 - $6.99 per hour	13.2	11.4	12.6	17.6	9.7	12.8
$7.00 per hour or more	15.8	15.0	14.8	21.9	11.4	15.5
Total Reporting Wages	100.0 (1058)	100.0 (341)	100.0 (135)	100.0 (602)	100.0 (932)	100.0 (1534)

CLASS OF 1989 ART STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	2.1	1.7	1.0	4.0	0.3	1.9
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	2.2	2.3	3.1	5.0	0.3	2.3
Manufacturing	10.7	12.7	15.1	16.0	8.3	11.5
Transportation, Communications, and Other Public Utilities	2.3	1.0	3.1	3.3	1.2	2.1
Wholesale and Retail Trade	40.8	45.0	43.2	40.4	43.1	42.0
Finance, Insurance, and Real Estate	1.7	1.7	0.0	0.9	2.0	1.6
Business and Repair Services	5.0	4.0	5.7	7.1	3.2	4.9
Personal Services	7.4	6.9	6.3	5.2	8.6	7.2
Entertainment and Recreation Services	3.9	4.0	3.6	2.9	4.7	3.9
Professional and Related Services	20.6	16.9	13.5	10.7	25.3	19.1
Public Administration	0.9	1.5	0.5	1.4	0.7	1.0
Industry Not Reported	2.3	2.5	4.7	3.0	2.3	2.6
Total Reporting Activity	100.0 (1450)	100.0 (480)	100.0 (192)	100.0 (900)	100.0 (1222)	100.0 (2122)

CLASS OF 1989 ART STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	4.5	2.3	5.8	4.2	4.0	4.1
Technologists and Technicians Including Health	0.7	1.0	0.5	0.9	0.7	0.8
Marketing and Sales	23.8	24.1	23.2	16.9	28.9	23.8
Clerical	15.7	17.5	18.9	7.4	23.1	16.4
Service	30.1	31.5	24.7	23.2	34.9	29.9
Farming, Forestry, and Fishing	2.1	2.3	1.1	3.9	0.6	2.0
Construction and Extractive	2.3	2.3	1.6	5.1	0.1	2.2
Transportation and Material Moving	2.0	2.7	1.6	4.8	0.2	2.1
Mechanics and Repairers	1.8	0.4	2.1	3.3	0.2	1.5
Production	7.0	6.0	8.4	10.2	4.4	6.9
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	10.0	10.0	12.1	20.0	2.8	10.2
Total Reporting Occupations	100.0 (1477)	100.0 (485)	100.0 (190)	100.0 (918)	100.0 (1234)	100.0 (2152)

CLASS OF 1989 BUSINESS STUDENTS

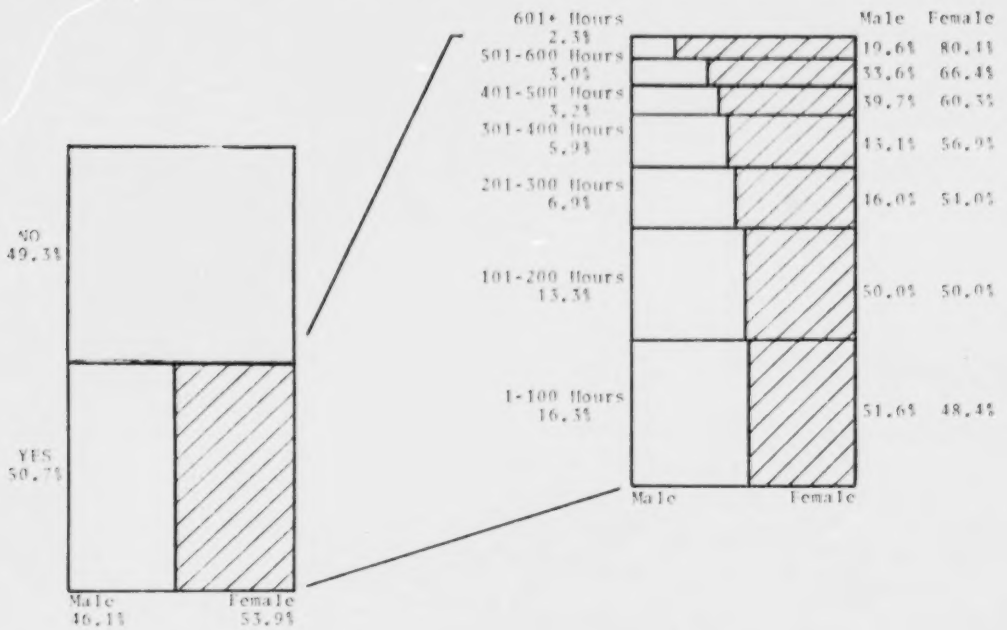
Business classes were selected by **50.7 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 7,421 students who completed one or more courses in the curriculum category of Business.

46.1 percent of these Business students were male, and 53.9 percent were female. Of these students surveyed, 82.4 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Accounting Principles, Typewriting, Business Correspondence, and Business Law.

Of the 7,421 Business students, 4,314 had from 1 to 200 hours of courses; 1,862 students had courses totaling 201 to 400 hours; and 1,245 had 401 or more hours of course work. The total percentage of students who had selected any Business courses decreased 7.1 from the Class of 1988 study.

PARTICIPATION IN BUSINESS

Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 BUSINESS STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	70.0	73.0	75.1	68.9	73.9	71.6
Return Incomplete	12.1	9.4	8.4	12.3	9.5	10.8
No Return Received	17.9	17.6	16.5	18.7	16.7	17.6
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(4314)	(1862)	(1245)	(3423)	(3998)	(7421)

CLASS OF 1989 BUSINESS STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	10.7	11.6	15.2	10.9	12.4	11.7
Community College	13.0	15.0	13.4	13.9	13.3	13.6
4-year College or University	43.9	43.6	41.6	40.9	45.6	43.5
Apprenticeship	0.3	0.3	0.5	0.6	0.2	0.4
Other Education	1.7	1.2	1.8	1.2	2.0	1.6
EMPLOYMENT						
Paid Employment	57.5	55.0	57.6	53.8	59.5	56.9
Homemaker	0.6	1.3	1.3	0.1	1.6	0.9
Military	4.5	4.8	3.4	7.7	1.5	4.4
Unemployed	12.4	12.5	11.4	12.6	12.0	12.3
OTHER						
Other Activity	3.0	2.3	2.9	2.8	2.8	2.8
Total Responses	147.8 (5074)	147.6 (2220)	149.0 (1511)	144.6 (3942)	150.8 (4863)	148.0 (8805)
Total Reporting Activity	100.0 (3432)	100.0 (1504)	100.0 (1014)	100.0 (2726)	100.0 (3224)	100.0 (5950)

CLASS OF 1989 BUSINESS STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	23.2	21.1	21.2	23.2	21.6	22.4
Paid Employment and Vocational School	6.4	6.4	9.1	6.2	7.5	6.9
Paid Employment and Community College	9.1	9.6	8.9	8.6	9.6	9.2
Paid Employment and College or University	17.5	17.0	16.8	14.4	19.6	17.2
Vocational School (only)	3.1	4.1	4.2	3.3	3.8	3.6
Community College (only)	2.5	3.1	2.9	3.3	2.2	2.7
4-year College or University (only)	17.3	17.9	17.5	17.6	17.4	17.5
Education and Seeking Employment	10.1	9.9	9.1	10.0	9.8	9.9
Unemployed (only)	1.8	1.9	1.5	2.0	1.5	1.7
Activities Other Than The Above	9.0	8.9	8.9	11.3	7.0	9.0
Total Reporting Activity	100.0 (3426)	100.0 (1498)	100.0 (1013)	100.0 (2720)	100.0 (3217)	100.0 (5937)

CLASS OF 1989 BUSINESS STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	85.1	86.2	81.6	86.4	83.5	84.7
Part-Time	14.9	13.8	18.4	13.6	16.5	15.3
Total Reporting Status	100.0 (2208)	100.0 (968)	100.0 (678)	100.0 (1653)	100.0 (2201)	100.0 (3854)

CLASS OF 1989 BUSINESS STUDENTS
PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	15.7	9.4	7.9	15.2	11.0	12.8
State Universities	14.8	21.3	25.8	15.2	20.7	18.4
Area Vocational-Technical Institutes	12.8	15.4	16.3	15.3	13.1	14.1
Community College	16.2	17.9	16.2	17.3	16.1	16.6
Private Vocational Schools (including health related)	5.7	5.0	7.9	3.7	7.6	5.9
Private Jr. Colleges Liberal Arts Colleges	14.6	10.3	8.2	12.3	12.5	12.4
Institutions Outside Minnesota	19.5	20.1	17.7	20.3	18.6	19.3
Schools Not Reported	0.7	0.6	0.0	0.6	0.5	0.6
Total Reporting Schools	100.0 (1944)	100.0 (861)	100.0 (594)	100.0 (1456)	100.0 (1943)	100.0 (3399)

CLASS OF 1989 BUSINESS STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	48.0	46.4	44.6	54.5	41.4	47.0
Part-Time	52.0	53.6	55.4	45.5	58.6	53.0
Total Reporting Employed Status	100.0 (1912)	100.0 (812)	100.0 (565)	100.0 (1414)	100.0 (1875)	100.0 (3289)

CLASS OF 1989 BUSINESS STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.2	0.5	0.0	0.2	0.3	0.3
$3.00 - $3.99 per hour	12.4	19.8	17.9	9.0	19.5	15.4
$4.00 - $4.99 per hour	31.5	35.9	37.6	27.1	38.2	33.8
$5.00 - $5.99 per hour	26.7	20.1	21.5	26.5	22.3	24.0
$6.00 - $6.99 per hour	12.0	10.6	11.3	13.3	10.4	11.5
$7.00 per hour or more	17.1	13.1	11.8	23.8	9.3	15.1
Total Reporting Wages	100.0 (1297)	100.0 (612)	100.0 (442)	100.0 (931)	100.0 (1420)	100.0 (2351)

CLASS OF 1989 BUSINESS STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	3.0	2.7	2.0	6.0	0.3	2.7
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	3.0	3.1	0.9	5.9	0.3	2.7
Manufacturing	12.8	9.7	10.3	16.0	8.3	11.6
Transportation, Communications, and Other Public Utilities	3.1	2.1	1.5	4.1	1.5	2.6
Wholesale and Retail Trade	41.1	41.8	38.4	37.6	43.2	40.8
Finance, Insurance, and Real Estate	1.8	2.4	4.4	0.7	3.6	2.4
Business and Repair Services	3.8	5.0	5.1	5.5	3.5	4.3
Personal Services	5.2	5.3	6.4	3.7	6.7	5.4
Entertainment and Recreation Services	3.7	5.0	6.1	5.1	4.0	4.4
Professional and Related Services	18.2	18.3	21.1	10.8	24.6	18.7
Public Administration	1.1	1.3	1.1	1.1	1.1	1.1
Industry Not Reported	3.2	3.3	2.6	3.5	2.8	3.1
Total Reporting Activity	100.0 (1880)	100.0 (780)	100.0 (544)	100.0 (1366)	100.0 (1838)	100.0 (3204)

CLASS OF 1989 BUSINESS STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	4.2	4.2	1.8	5.0	2.9	3.8
Technologists and Technicians Including Health	0.9	0.6	1.5	1.1	0.8	0.9
Marketing and Sales	22.9	24.6	24.0	17.1	28.3	23.5
Clerical	16.4	18.3	28.1	7.5	27.3	18.8
Service	28.2	27.9	28.1	21.6	32.9	28.1
Farming, Forestry, and Fishing	2.7	2.6	1.5	5.0	0.5	2.5
Construction and Extractive	2.5	2.2	0.9	4.9	0.1	2.2
Transportation and Material Moving	2.7	0.6	0.6	4.1	0.1	1.8
Mechanics and Repairers	2.6	0.4	0.4	3.7	0.2	1.7
Production	5.8	6.4	4.2	8.8	3.4	5.7
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	11.2	12.1	9.0	21.1	3.5	11.1
Total Reporting Occupations	100.0 (1877)	100.0 (780)	100.0 (545)	100.0 (1368)	100.0 (1834)	100.0 (3202)

CLASS OF 1989 DISTRIBUTIVE EDUCATION STUDENTS

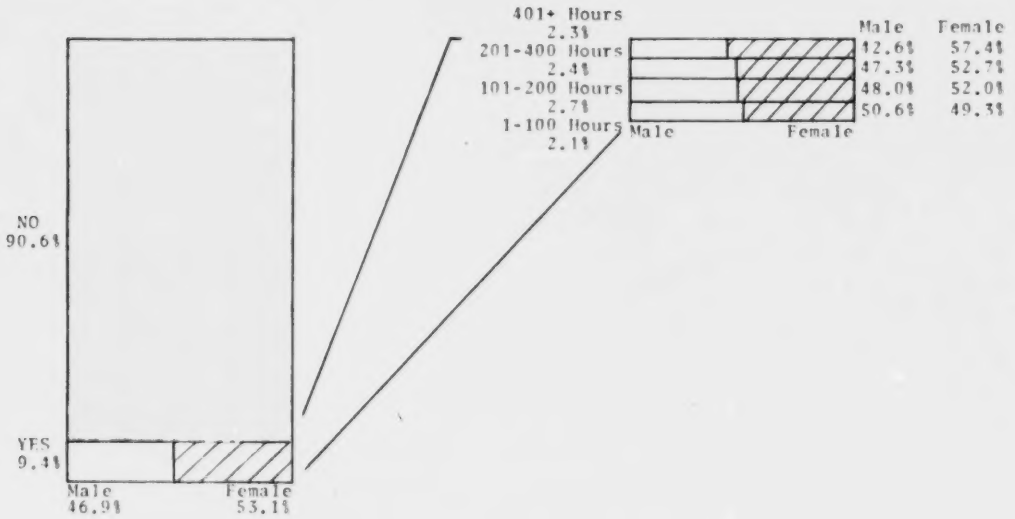
Distributive Education classes were selected by **9.4 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 1,376 students who completed one or more courses in the curriculum category of Distributive Education.

46.9 percent of the Distributive Education students were male, and 53.1 percent were female. Of these students surveyed, 73.9 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Advertising Principles, Principles of Marketing, Retailing, and Sales Management.

Of the 1,376 Distributive Education students, 694 had from 1 to 200 hours of courses; 347 students had courses totaling 201 to 400 hours; and 335 had 401 or more hours of course work. The total percentage of students who had selected any Distributive Education courses decreased 1.1 from the Class of 1988 study.

PARTICIPATION IN DISTRIBUTIVE EDUCATION

Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 DISTRIBUTIVE EDUCATION STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	51.6	56.2	61.5	49.2	60.4	55.2
Return Incomplete	21.8	19.0	11.9	24.8	13.3	18.7
No Return Received	26.7	24.8	26.6	26.0	26.3	26.2
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(694)	(347)	(335)	(646)	(730)	(1376)

CLASS OF 1989 DISTRIBUTIVE EDUCATION STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	8.8	10.5	13.3	7.9	12.5	10.3
Community College	12.3	14.7	12.5	13.2	12.7	12.9
4-year College or University	42.8	31.2	30.2	36.5	37.1	36.8
Apprenticeship	0.0	0.0	0.8	0.0	0.4	0.2
Other Education	2.1	2.6	1.6	1.8	2.4	2.1
EMPLOYMENT						
Paid Employment	59.5	66.9	78.2	57.6	73.3	65.9
Homemaker	0.8	0.8	0.4	0.2	1.1	0.7
Military	4.2	3.8	4.0	7.9	0.6	4.1
Unemployed	18.0	10.5	5.2	16.9	9.6	13.0
OTHER						
Other Activity	1.9	2.2	1.2	1.8	1.8	1.8
Total Responses	150.5 (784)	143.2 (381)	147.6 (366)	144.0 (707)	151.5 (824)	147.9 (1531)
Total Reporting Activity	100.0 (521)	100.0 (266)	100.0 (248)	100.0 (491)	100.0 (544)	100.0 (1035)

CLASS OF 1989 DISTRIBUTIVE EDUCATION STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	28.0	34.0	36.3	30.7	32.2	31.5
Paid Employment and Vocational School	5.4	7.5	8.5	4.5	8.7	6.7
Paid Employment and Community College	7.5	11.7	11.3	8.2	10.7	9.5
Paid Employment and College or University	17.0	12.8	20.2	12.7	20.3	16.7
Vocational School (only)	1.5	2.3	2.8	1.4	2.6	2.0
Community College (only)	2.1	1.5	1.2	2.5	1.1	1.7
4-year College or University (only)	12.9	12.8	8.1	13.3	10.3	11.7
Education and Seeking Employment	16.0	6.8	3.6	13.9	7.7	10.7
Unemployed (only)	1.5	2.6	1.2	2.3	1.3	1.7
Activities Other Than The Above	7.9	7.9	6.9	10.5	5.2	7.7
Total Reporting Activity	100.0 (518)	100.0 (265)	100.0 (248)	100.0 (488)	100.0 (543)	100.0 (1031)

CLASS OF 1989 DISTRIBUTIVE EDUCATION STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	83.7	76.2	80.6	86.7	77.3	81.3
Part-Time	16.3	23.8	19.4	13.3	22.7	18.7
Total Reporting Status	100.0 (301)	100.0 (126)	100.0 (134)	100.0 (240)	100.0 (321)	100.0 (561)

CLASS OF 1989 DISTRIBUTIVE EDUCATION STUDENTS PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	23.1	10.4	15.0	18.5	18.2	18.3
State Universities	11.7	15.7	14.2	15.3	11.5	13.2
Area Vocational-Technical Institutes	11.0	18.3	25.0	13.1	18.2	15.9
Community College	15.4	17.4	18.3	16.7	16.4	16.5
Private Vocational Schools (including health related)	5.1	7.8	5.8	4.1	7.3	5.9
Private Jr. Colleges Liberal Arts Colleges	12.5	10.4	5.8	13.1	8.4	10.4
Institutions Outside Minnesota	19.8	16.5	15.0	16.2	19.2	17.9
Schools Not Reported	1.5	3.5	0.8	3.2	0.7	1.8
Total Reporting Schools	100.0 (273)	100.0 (115)	100.0 (120)	100.0 (222)	100.0 (286)	100.0 (508)

CLASS OF 1989 DISTRIBUTIVE EDUCATION STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	54.5	54.9	58.6	62.9	50.9	55.8
Part-Time	45.5	45.1	41.4	37.1	49.1	44.2
Total Reporting Employed Status	100.0 (297)	100.0 (164)	100.0 (191)	100.0 (267)	100.0 (385)	100.0 (652)

CLASS OF 1989 DISTRIBUTIVE EDUCATION STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.0	0.0	0.0	0.0	0.0	0.0
$3.00 - $3.99 per hour	10.0	11.6	21.1	8.8	16.1	13.5
$4.00 - $4.99 per hour	30.8	33.1	30.9	27.7	33.6	31.5
$5.00 - $5.99 per hour	33.3	24.8	17.9	23.3	28.7	26.7
$6.00 - $6.99 per hour	11.9	13.2	16.3	16.4	11.9	13.5
$7.00 per hour or more	13.9	17.4	13.8	23.9	9.8	14.8
Total Reporting Wages	100.0 (201)	100.0 (121)	100.0 (123)	100.0 (159)	100.0 (286)	100.0 (445)

CLASS OF 1989 DISTRIBUTIVE EDUCATION STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	0.4	1.2	1.1	2.0	0.0	0.8
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	2.9	3.1	2.7	6.3	0.5	2.9
Manufacturing	12.7	7.4	14.1	14.6	9.8	11.7
Transportation, Communications, and Other Public Utilities	3.6	0.6	0.5	3.6	0.8	1.9
Wholesale and Retail Trade	39.3	51.2	50.3	44.3	46.6	45.7
Finance, Insurance, and Real Estate	2.9	0.0	2.2	0.8	2.7	1.9
Business and Repair Services	6.2	3.7	3.8	7.9	2.7	4.8
Personal Services	4.7	4.9	5.9	2.0	7.3	5.1
Entertainment and Recreation Services	4.7	7.4	2.2	6.3	3.5	4.7
Professional and Related Services	17.1	13.6	14.1	4.7	22.5	15.3
Public Administration	1.1	1.2	1.1	2.4	0.3	1.1
Industry Not Reported	4.4	5.6	2.2	5.1	3.3	4.0
Total Reporting Activity	100.0 (275)	100.0 (162)	100.0 (185)	100.0 (253)	100.0 (369)	100.0 (622)

CLASS OF 1989 DISTRIBUTIVE EDUCATION STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	5.0	2.9	3.7	5.3	3.2	4.0
Technologists and Technicians Including Health	1.8	0.0	1.6	1.1	1.3	1.2
Marketing and Sales	22.6	33.7	30.4	25.3	29.7	27.9
Clerical	17.6	11.0	20.9	8.7	22.5	16.8
Service	28.0	31.4	22.5	17.4	34.2	27.3
Farming, Forestry, and Fishing	1.1	2.3	0.5	2.3	0.5	1.2
Construction and Extractive	2.9	1.7	2.1	5.7	0.0	2.3
Transportation and Material Moving	2.9	1.7	2.6	5.3	0.5	2.5
Mechanics and Repairers	1.4	1.2	2.1	3.4	0.3	1.6
Production	4.7	4.7	4.2	5.7	3.7	4.5
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	12.2	9.3	9.4	20.0	4.0	10.6
Total Reporting Occupations	100.0 (279)	100.0 (172)	100.0 (191)	100.0 (265)	100.0 (377)	100.0 (642)

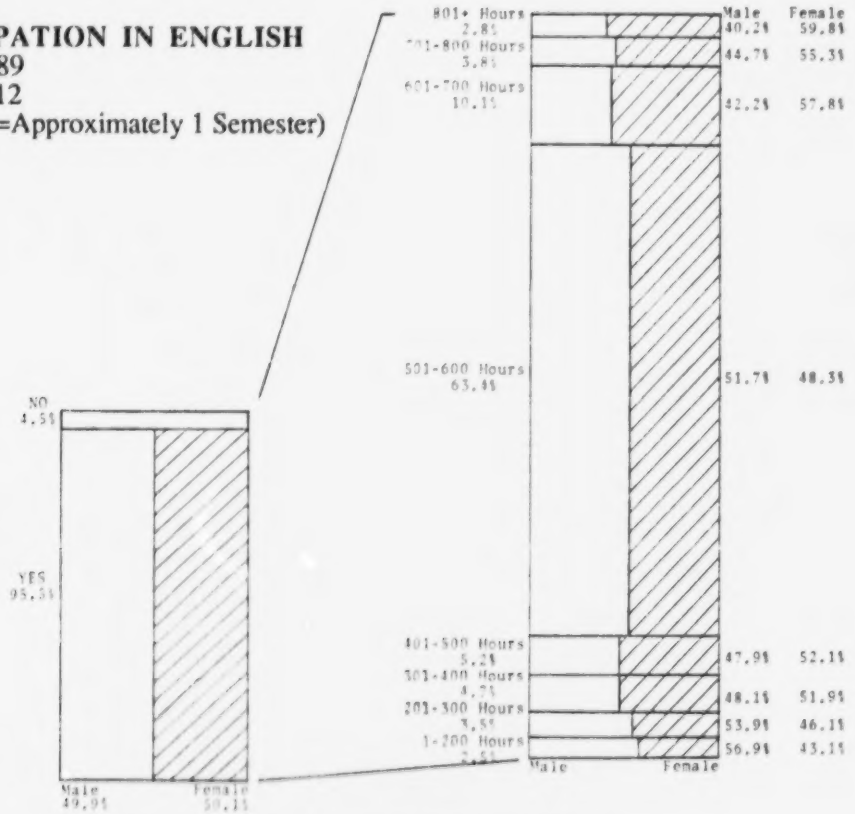
CLASS OF 1989 ENGLISH STUDENTS

English classes were selected by **95.5 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 13,975 students who completed one or more courses in the curriculum category of English.

49.9 percent of these English students were male, and 50.1 percent were female. Of these students surveyed, 77.8 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: American Literature, Grammar, Public Speaking, and Reading.

Of the 13,975 English students, 362 had from 1 to 200 hours of courses; 1199 students had courses totaling 201 to 400 hours; and 12,414 had 401 or more hours of course work. The total percentage of students who had selected any English courses decreased 3.1 from the Class of 1988 study.

PARTICIPATION IN ENGLISH
Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 ENGLISH STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	37.6	56.5	69.5	64.0	71.0	67.5
Return Incomplete	6.9	10.1	10.4	12.1	8.5	10.3
No Return Received	55.5	33.4	20.2	23.9	20.5	22.2
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(362)	(1199)	(12414)	(6980)	(6995)	(13975)

CLASS OF 1989 ENGLISH STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	7.4	7.8	10.0	9.9	9.7	9.8
Community College	12.3	9.4	12.8	12.3	12.8	12.6
4-year College or University	25.2	47.1	46.3	41.9	49.9	46.0
Apprenticeship	0.0	0.5	0.5	0.6	0.3	0.5
Other Education	11.0	2.5	1.7	1.7	2.1	1.9
EMPLOYMENT						
Paid Employment	48.5	56.6	56.8	54.2	59.1	56.7
Homemaker	2.5	0.9	0.8	0.1	1.6	0.9
Military	2.5	3.8	4.4	7.5	1.2	4.3
Unemployed	21.5	10.7	11.7	11.8	11.9	11.8
OTHER						
Other Activity	8.6	3.9	3.0	3.1	3.3	3.2
Total Responses	139.3 (227)	143.0 (1100)	148.0 (14357)	143.1 (7425)	151.8 (8259)	147.5 (15684)
Total Reporting Activity	100.0 (163)	100.0 (769)	100.0 (9700)	100.0 (5190)	100.0 (5442)	100.0 (10632)

CLASS OF 1989 ENGLISH STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	29.0	24.7	21.9	24.2	20.4	22.2
Paid Employment and Vocational School	2.5	5.6	6.0	5.9	6.0	5.9
Paid Employment and Community College	6.2	6.4	8.7	7.5	9.5	8.5
Paid Employment and College or University	6.8	18.0	19.0	15.1	22.2	18.7
Vocational School (only)	3.1	2.0	2.8	2.8	2.8	2.8
Community College (only)	2.5	2.1	2.6	3.1	2.0	2.6
4-year College or University (only)	7.4	21.3	18.8	18.6	18.9	18.8
Education and Seeking Employment	15.4	7.7	9.5	9.3	9.5	9.4
Unemployed (only)	4.3	2.1	1.7	1.8	1.7	1.7
Activities Other Than The Above	22.8	10.1	9.1	11.7	7.1	9.4
Total Reporting Activity	100.0 (162)	100.0 (765)	100.0 (9676)	100.0 (5178)	100.0 (5425)	100.0 (10603)

CLASS OF 1989 ENGLISH STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	78.2	86.8	84.3	86.4	82.7	84.4
Part-Time	21.8	13.2	15.7	13.6	17.3	15.6
Total Reporting Status	100.0 (78)	100.0 (491)	100.0 (6333)	100.0 (3131)	100.0 (3771)	100.0 (6902)

CLASS OF 1989 ENGLISH STUDENTS
PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	12.3	18.0	16.1	17.7	15.0	16.2
State Universities	7.0	9.6	14.6	11.9	16.0	14.2
Area Vocational-Technical Institutes	19.3	12.7	11.4	13.7	9.9	11.6
Community College	24.6	11.8	16.0	16.2	15.4	15.8
Private Vocational Schools (including health related)	3.5	4.9	5.5	4.4	6.3	5.4
Private Jr. Colleges Liberal Arts Colleges	8.8	17.6	14.0	13.4	14.8	14.2
Institutions Outside Minnesota	22.8	25.6	21.8	22.1	22.0	22.0
Schools Not Reported	1.8	0.0	0.7	0.7	0.6	0.6
Total Reporting Schools	100.0 (57)	100.0 (450)	100.0 (5584)	100.0 (2743)	100.0 (3348)	100.0 (6091)

CLASS OF 1989 ENGLISH STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	59.7	50.5	46.4	54.7	40.1	46.9
Part-Time	40.3	49.5	53.6	45.3	59.9	53.1
Total Reporting Employed Status	100.0 (77)	100.0 (432)	100.0 (5362)	100.0 (2720)	100.0 (3151)	100.0 (5871)

CLASS OF 1989 ENGLISH STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.0	0.7	0.2	0.2	0.3	0.3
$3.00 - $3.99 per hour	16.1	13.5	13.5	7.7	18.0	13.6
$4.00 - $4.99 per hour	19.6	31.0	32.7	25.6	37.6	32.4
$5.00 - $5.99 per hour	37.5	27.1	25.9	28.8	24.1	26.1
$6.00 - $6.99 per hour	14.3	13.9	12.1	15.3	10.0	12.3
$7.00 per hour or more	12.5	13.9	15.5	22.4	10.1	15.4
Total Reporting Wages	100.0 (56)	100.0 (303)	100.0 (3867)	100.0 (1814)	100.0 (2412)	100.0 (4226)

CLASS OF 1989 ENGLISH STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	2.7	1.7	2.5	4.9	0.4	2.5
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	1.4	2.1	2.6	5.2	0.2	2.5
Manufacturing	17.6	15.6	11.0	15.7	7.8	11.4
Transportation, Communications, and Other Public Utilities	2.7	3.6	2.6	4.1	1.4	2.6
Wholesale and Retail Trade	32.4	38.2	40.0	37.3	41.9	39.7
Finance, Insurance, and Real Estate	1.4	1.4	2.1	0.8	3.0	2.0
Business and Repair Services	4.1	4.0	5.0	6.7	3.4	4.9
Personal Services	12.2	5.2	6.0	4.4	7.4	6.0
Entertainment and Recreation Services	5.4	4.5	4.4	4.5	4.3	4.4
Professional and Related Services	13.5	22.5	19.4	11.7	26.2	19.5
Public Administration	1.4	0.2	1.0	1.1	0.9	1.0
Industry Not Reported	5.4	0.9	3.5	3.6	3.1	3.3
Total Reporting Activity	100.0 (74)	100.0 (422)	100.0 (5148)	100.0 (2600)	100.0 (3044)	100.0 (5644)

CLASS OF 1989 ENGLISH STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	6.3	6.3	4.2	5.0	3.9	4.4
Technologists and Technicians Including Health	0.0	1.2	1.1	1.4	0.8	1.1
Marketing and Sales	15.2	16.7	24.0	16.5	29.1	23.3
Clerical	13.9	16.0	18.0	8.3	26.0	17.8
Service	27.8	32.0	28.1	23.2	32.9	28.4
Farming, Forestry, and Fishing	2.5	1.6	2.4	4.3	0.6	2.3
Construction and Extractive	1.3	1.9	2.4	5.1	0.1	2.4
Transportation and Material Moving	2.5	3.3	2.0	4.4	0.2	2.1
Mechanics and Repairers	0.0	1.9	2.0	4.0	0.2	2.0
Production	6.3	5.8	5.7	8.7	3.2	5.7
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	24.1	13.0	10.1	19.0	3.1	10.5
Total Reporting Occupations	100.0 (79)	100.0 (430)	100.0 (5152)	100.0 (2625)	100.0 (3036)	100.0 (5661)

CLASS OF 1989 FOREIGN LANGUAGE STUDENTS

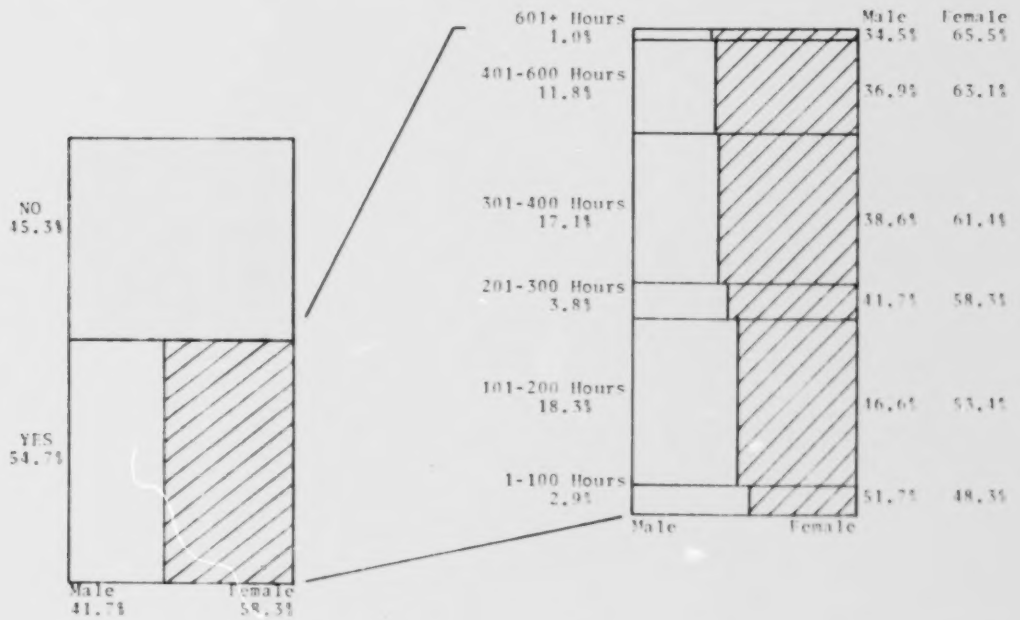
Foreign Language classes were selected by **54.7 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 8,001 students who completed one or more courses in the curriculum category of Foreign Language.

41.7 percent of these Foreign Language students were male, and 58.3 percent were female. Of these students surveyed, 82.5 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: German, Spanish and French.

Of the 8,001 Foreign Language students, 3,084 had from 1 to 200 hours of courses; 3,051 students had courses totaling 201 to 400 hours; and 1,866 had 401 or more hours of course work. The total percentage of students who had selected any Foreign Language courses increased 3.8 over the Class of 1988 study.

PARTICIPATION IN FOREIGN LANGUAGE

Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 FOREIGN LANGUAGE STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	69.5	75.7	77.0	70.6	75.8	73.6
Return Incomplete	9.4	9.2	7.6	10.6	7.7	8.9
No Return Received	21.1	15.1	15.4	18.8	16.6	17.5
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(3084)	(3051)	(1866)	(3337)	(4664)	(8001)

CLASS OF 1989 FOREIGN LANGUAGE STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	9.1	4.8	2.8	4.6	6.8	5.9
Community College	15.3	11.4	9.4	12.8	12.0	12.3
4-year College or University	48.9	64.9	75.5	61.7	61.5	61.6
Apprenticeship	0.3	0.3	0.3	0.4	0.2	0.3
Other Education	1.7	1.5	1.8	1.5	1.8	1.7
EMPLOYMENT						
Paid Employment	56.0	50.2	48.3	46.4	55.7	51.9
Homemaker	0.8	0.6	0.5	0.2	0.9	0.6
Military	4.0	2.7	1.4	5.5	1.0	2.9
Unemployed	12.9	13.3	12.6	13.8	12.4	13.0
OTHER						
Other Activity	3.1	3.8	2.6	3.1	3.4	3.3
Total Responses	151.9 (3604)	153.5 (3927)	155.1 (2401)	149.9 (3980)	155.6 (5952)	153.3 (9932)
Total Reporting Activity	100.0 (2372)	100.0 (2559)	100.0 (1548)	100.0 (2655)	100.0 (3824)	100.0 (6479)

CLASS OF 1989 FOREIGN LANGUAGE STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	18.2	12.8	8.2	12.8	14.3	13.7
Paid Employment and Vocational School	5.3	3.1	1.6	2.8	4.1	3.6
Paid Employment and Community College	11.0	8.2	6.5	8.1	9.3	8.8
Paid Employment and College or University	20.4	25.5	31.6	21.8	27.3	25.1
Vocational School (only)	2.6	1.4	1.1	1.3	2.1	1.7
Community College (only)	2.6	2.2	1.7	3.1	1.7	2.2
4-year College or University (only)	19.1	26.8	32.1	27.7	23.5	25.2
Education and Seeking Employment	10.8	11.6	11.4	12.3	10.6	11.3
Unemployed (only)	1.6	1.0	0.7	1.1	1.2	1.1
Activities Other Than The Above	8.5	7.4	5.2	9.1	6.0	7.3
Total Reporting Activity	100.0 (2363)	100.0 (2552)	100.0 (1543)	100.0 (2646)	100.0 (3812)	100.0 (6458)

CLASS OF 1989 FOREIGN LANGUAGE STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	83.6	86.4	85.9	87.5	83.9	85.3
Part-Time	16.4	13.6	14.1	12.5	16.1	14.7
Total Reporting Status	100.0 (1635)	100.0 (1953)	100.0 (1292)	100.0 (1952)	100.0 (2928)	100.0 (4880)

CLASS OF 1989 FOREIGN LANGUAGE STUDENTS
PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	14.6	20.4	21.2	21.0	17.1	18.7
State Universities	17.2	15.7	11.7	12.6	16.9	15.2
Area Vocational-Technical Institutes	9.2	4.5	1.4	4.7	5.7	5.3
Community College	18.3	12.6	8.5	13.9	13.1	13.4
Private Vocational Schools (including health related)	5.2	3.9	2.3	2.7	4.8	4.0
Private Jr. Colleges Liberal Arts Colleges	13.8	17.0	23.4	17.8	17.5	17.6
Institutions Outside Minnesota	21.0	25.5	31.0	26.7	24.6	25.4
Schools Not Reported	0.6	0.4	0.4	0.5	0.4	0.5
Total Reporting Schools	100.0 (1441)	100.0 (1750)	100.0 (1109)	100.0 (1716)	100.0 (2584)	100.0 (4300)

CLASS OF 1989 FOREIGN LANGUAGE STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	42.4	34.8	23.1	39.9	32.5	35.2
Part-Time	57.6	65.2	76.9	60.1	67.5	64.8
Total Reporting Employed Status	100.0 (1298)	100.0 (1252)	100.0 (728)	100.0 (1193)	100.0 (2085)	100.0 (3278)

CLASS OF 1989 FOREIGN LANGUAGE STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.1	0.2	0.3	0.0	0.3	0.2
$3.00 - $3.99 per hour	17.6	14.7	14.9	8.5	19.6	15.8
$4.00 - $4.99 per hour	36.1	36.3	33.5	29.8	38.5	35.6
$5.00 - $5.99 per hour	25.4	27.3	28.4	31.9	24.3	26.8
$6.00 - $6.99 per hour	9.2	11.6	12.1	13.5	9.4	10.8
$7.00 per hour or more	11.6	9.9	10.8	16.3	8.0	10.8
Total Reporting Wages	100.0 (949)	100.0 (959)	100.0 (585)	100.0 (836)	100.0 (1657)	100.0 (2493)

CLASS OF 1989 FOREIGN LANGUAGE STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	1.1	1.4	0.6	2.4	0.4	1.1
Mining	0.1	0.1	0.0	0.1	0.0	0.1
Construction	1.7	0.9	0.9	3.1	0.1	1.2
Manufacturing	10.9	7.1	5.9	10.8	7.0	8.4
Transportation, Communications, and Other Public Utilities	2.4	2.1	1.9	3.6	1.3	2.2
Wholesale and Retail Trade	40.2	42.3	44.2	39.6	43.1	41.9
Finance, Insurance, and Real Estate	2.5	1.6	1.6	1.3	2.3	1.9
Business and Repair Services	3.9	4.3	2.7	5.6	2.8	3.8
Personal Services	6.8	6.2	4.6	4.5	7.0	6.1
Entertainment and Recreation Services	4.1	6.2	4.3	5.9	4.4	5.0
Professional and Related Services	22.3	23.8	29.9	18.3	28.1	24.5
Public Administration	0.8	1.1	1.2	1.7	0.6	1.0
Industry Not Reported	3.1	3.0	2.3	3.2	2.7	2.9
Total Reporting Activity	100.0 (1244)	100.0 (1208)	100.0 (693)	100.0 (1133)	100.0 (2012)	100.0 (3145)

CLASS OF 1989 FOREIGN LANGUAGE STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	3.8	4.4	4.5	4.7	3.9	4.2
Technologists and Technicians Including Health	0.9	1.3	1.5	1.7	0.9	1.2
Marketing and Sales	25.4	26.2	29.8	20.2	30.3	26.7
Clerical	19.2	20.6	22.6	12.2	25.2	20.5
Service	30.8	31.9	31.1	28.5	32.9	31.3
Farming, Forestry, and Fishing	1.5	1.5	1.2	2.7	0.7	1.4
Construction and Extractive	1.7	0.7	0.6	2.9	0.1	1.1
Transportation and Material Moving	2.2	1.5	1.3	4.5	0.2	1.7
Mechanics and Repairers	0.8	0.4	0.6	1.4	0.2	0.6
Production	5.2	3.2	1.3	5.3	2.6	3.6
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	8.6	8.2	5.5	15.9	3.1	7.8
Total Reporting Occupations	100.0 (1250)	100.0 (1202)	100.0 (687)	100.0 (1142)	100.0 (1997)	100.0 (3139)

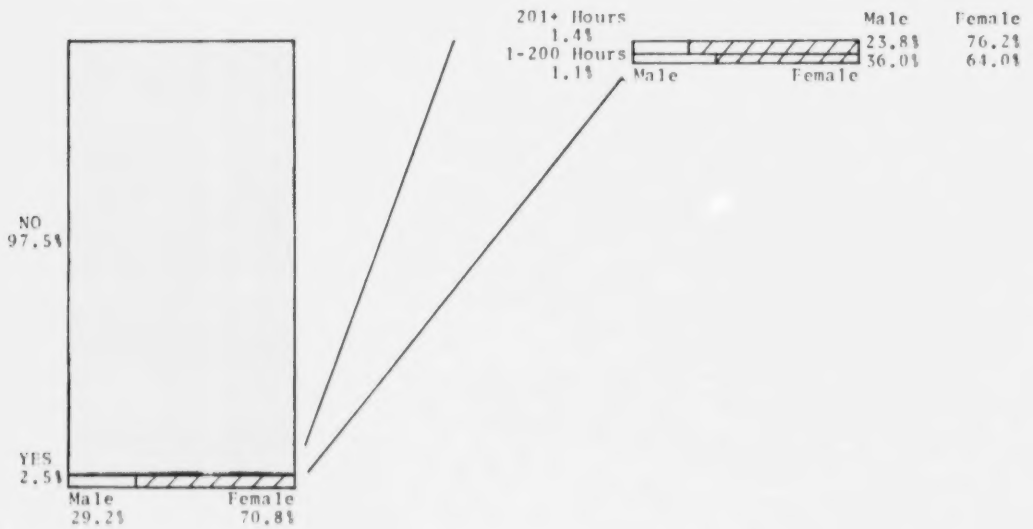
CLASS OF 1989 HEALTH OCCUPATIONS STUDENTS

Health Occupations classes were selected by **2.5 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 367 students who completed one or more courses in the curriculum category of Health Occupations.

29.2 percent of these Health Occupations students were male, and 70.8 percent were female. Of these students surveyed, 75.5 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Dental Assisting, Home Health Aide, Medical Assistant, and Nursing Aide.

Of the 367 Health Occupations students, 160 had from 1 to 200 hours of courses; 153 students had courses totaling 201 to 400 hours; and 54 had 401 or more hours of course work. The total percentage of students who had selected any Health Occupations courses decreased .5 from the Class of 1988 study.

PARTICIPATION IN HEALTH OCCUPATIONS
Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 HEALTH OCCUPATIONS STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	50.6	64.7	70.4	50.5	63.1	59.4
Return Incomplete	22.5	11.8	9.3	19.6	14.6	16.1
No Return Received	26.9	23.5	20.4	29.9	22.7	24.5
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(160)	(153)	(54)	(107)	(260)	(367)

CLASS OF 1989 HEALTH OCCUPATIONS STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	8.3	15.9	36.6	7.0	19.2	15.6
Community College	18.2	13.6	12.2	17.4	14.4	15.3
4-year College or University	38.0	30.3	14.6	44.2	26.0	31.3
Apprenticeship	0.0	2.3	0.0	1.2	1.0	1.0
Other Education	1.7	1.5	0.0	1.2	1.4	1.4
EMPLOYMENT						
Paid Employment	66.1	59.8	73.2	54.7	68.3	64.3
Homemaker	0.0	1.5	2.4	0.0	1.4	1.0
Military	2.5	3.0	0.0	2.3	2.4	2.4
Unemployed	10.7	15.9	4.9	11.6	12.5	12.2
OTHER						
Other Activity	2.5	4.5	4.9	1.2	4.8	3.7
Total Responses	147.9	148.5	148.8	140.7	151.4	148.3
	(179)	(196)	(61)	(121)	(315)	(436)
Total Reporting Activity	100.0 (121)	100.0 (132)	100.0 (41)	100.0 (86)	100.0 (208)	100.0 (294)

CLASS OF 1989 HEALTH OCCUPATIONS STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	28.9	26.9	29.3	22.1	30.6	28.1
Paid Employment and Vocational School	5.0	10.0	22.0	4.7	11.7	9.6
Paid Employment and Community College	14.0	6.9	12.2	11.6	10.2	10.6
Paid Employment and College or University	17.4	13.1	7.3	15.1	13.6	14.0
Vocational School (only)	2.5	3.1	12.2	2.3	4.9	4.1
Community College (only)	4.1	3.8	0.0	5.8	2.4	3.4
4-year College or University (only)	10.7	11.5	4.9	20.9	5.8	10.3
Education and Seeking Employment	8.3	10.0	2.4	7.0	8.7	8.2
Unemployed (only)	2.5	4.6	2.4	4.7	2.9	3.4
Activities Other Than The Above	6.6	10.0	7.3	5.8	9.2	8.2
Total Reporting Activity	100.0 (121)	100.0 (130)	100.0 (41)	100.0 (86)	100.0 (206)	100.0 (292)

CLASS OF 1989 HEALTH OCCUPATIONS STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	80.0	79.7	88.0	86.8	78.4	81.1
Part-Time	20.0	20.3	12.0	13.2	21.6	18.9
Total Reporting Status	100.0 (70)	100.0 (74)	100.0 (25)	100.0 (53)	100.0 (116)	100.0 (169)

CLASS OF 1989 HEALTH OCCUPATIONS STUDENTS PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	10.2	8.2	0.0	13.9	5.2	7.5
State Universities	16.9	14.3	12.0	13.9	15.5	15.0
Area Vocational-Technical Institutes	6.8	28.6	40.0	11.1	24.7	21.1
Community College	27.1	22.4	20.0	25.0	23.7	24.1
Private Vocational Schools (including health related)	5.1	6.1	16.0	0.0	10.3	7.5
Private Jr. Colleges Liberal Arts Colleges	15.3	10.2	4.0	16.7	9.3	11.3
Institutions Outside Minnesota	16.9	10.2	8.0	16.7	11.3	12.8
Schools Not Reported	1.7	0.0	0.0	2.8	0.0	0.8
Total Reporting Schools	100.0 (59)	100.0 (49)	100.0 (25)	100.0 (36)	100.0 (97)	100.0 (133)

CLASS OF 1989 HEALTH OCCUPATIONS STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	45.0	52.1	53.3	50.0	48.9	49.2
Part-Time	55.0	47.9	46.7	50.0	51.1	50.8
Total Reporting Employed Status	100.0 (80)	100.0 (71)	100.0 (30)	100.0 (42)	100.0 (139)	100.0 (181)

CLASS OF 1989 HEALTH OCCUPATIONS STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.0	1.8	0.0	0.0	0.9	0.7
$3.00 - $3.99 per hour	16.4	16.4	9.5	10.0	16.8	15.3
$4.00 - $4.99 per hour	31.1	29.1	14.3	20.0	29.9	27.7
$5.00 - $5.99 per hour	24.6	29.1	33.3	26.7	28.0	27.7
$6.00 - $6.99 per hour	14.8	14.5	19.0	23.3	13.1	15.3
$7.00 per hour or more	13.1	9.1	23.8	20.0	11.2	13.1
Total Reporting Wages	100.0 (61)	100.0 (55)	100.0 (21)	100.0 (30)	100.0 (107)	100.0 (137)

CLASS OF 1989 HEALTH OCCUPATIONS STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	2.7	0.0	0.0	5.7	0.0	1.3
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	2.7	1.7	0.0	8.6	0.0	1.9
Manufacturing	12.3	10.2	11.1	11.4	11.3	11.3
Transportation, Communications, and Other Public Utilities	0.0	1.7	3.7	2.9	0.8	1.3
Wholesale and Retail Trade	30.1	30.5	48.1	22.9	36.3	33.3
Finance, Insurance, and Real Estate	2.7	0.0	3.7	2.9	1.6	1.9
Business and Repair Services	0.0	3.4	0.0	0.0	1.6	1.3
Personal Services	11.0	3.4	0.0	5.7	6.5	6.3
Entertainment and Recreation Services	0.0	3.4	0.0	2.9	0.8	1.3
Professional and Related Services	37.0	40.7	33.3	31.4	39.5	37.7
Public Administration	0.0	0.0	0.0	0.0	0.0	0.0
Industry Not Reported	1.4	5.1	0.0	5.7	1.6	2.5
Total Reporting Activity	100.0 (73)	100.0 (59)	100.0 (27)	100.0 (35)	100.0 (124)	100.0 (159)

CLASS OF 1989 HEALTH OCCUPATIONS STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	1.3	3.3	3.7	0.0	3.1	2.4
Technologists and Technicians Including Health	0.0	4.9	3.7	2.7	2.3	2.4
Marketing and Sales	17.7	24.6	18.5	10.8	23.1	20.4
Clerical	17.7	19.7	11.1	8.1	20.0	17.4
Service	39.2	42.6	59.3	35.1	46.2	43.7
Farming, Forestry, and Fishing	2.5	0.0	0.0	5.4	0.0	1.2
Construction and Extractive	1.3	0.0	0.0	2.7	0.0	0.6
Transportation and Material Moving	1.3	0.0	0.0	2.7	0.0	0.6
Mechanics and Repairers	0.0	0.0	0.0	0.0	0.0	0.0
Production	10.1	1.6	0.0	10.8	3.8	5.4
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	8.9	3.3	3.7	21.6	1.5	6.0
Total Reporting Occupations	100.0 (79)	100.0 (61)	100.0 (27)	100.0 (37)	100.0 (130)	100.0 (167)

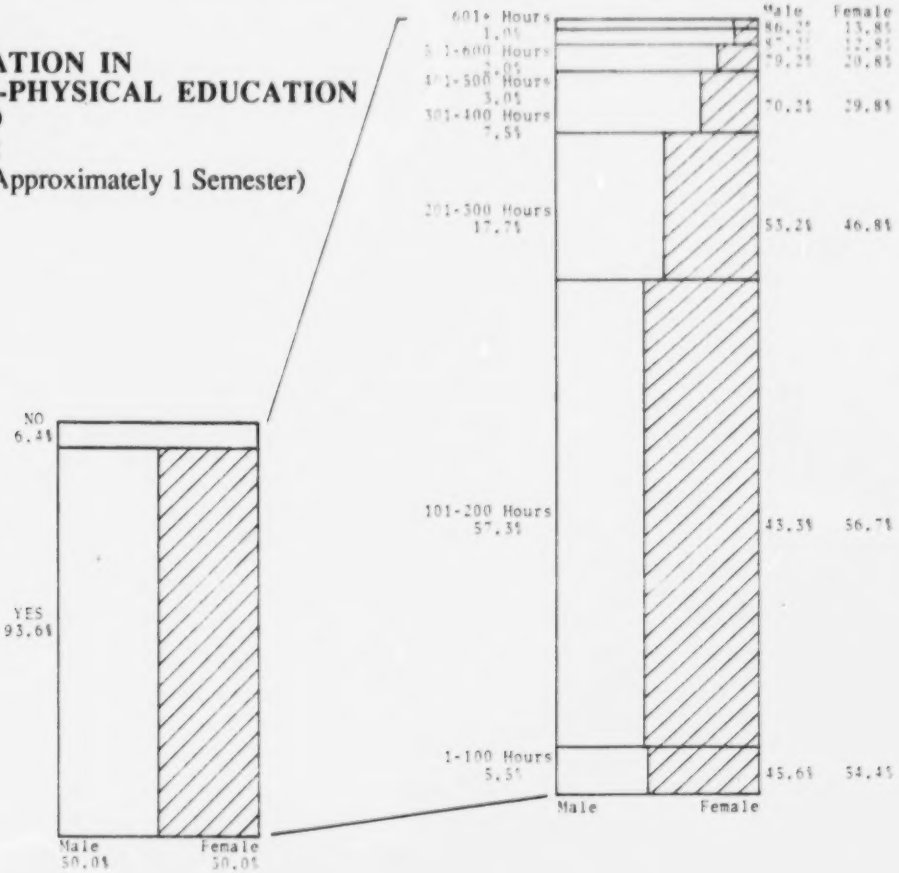
CLASS OF 1989 HEALTH-PHYSICAL EDUCATION STUDENTS

Health-Physical Education classes were selected by **93.6 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 13,693 students who completed one or more courses in the curriculum category of Health-Physical Education.

Fifty percent of these students were male, and fifty percent were female. Of these students surveyed, 78.1 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Health, First Aid, and Recreation.

Of the 13,693 Health-Physical Education students, 9,141 had from 1 to 200 hours of courses; 3,678 students had courses totaling 201 to 400 hours; and 874 had 401 or more hours of course work. The total percentage of students who had selected any Health-Physical Education courses decreased 3.4 from the Class of 1988 study.

PARTICIPATION IN HEALTH-PHYSICAL EDUCATION
Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 HEALTH-PHYSICAL EDUCATION STUDENTS PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	69.3	63.7	68.3	64.2	71.2	67.7
Return Incomplete	10.4	10.7	9.5	12.2	8.6	10.4
No Return Received	20.3	25.6	22.2	23.6	20.2	21.9
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(9141)	(3678)	(874)	(6840)	(6853)	(13693)

CLASS OF 1989 HEALTH-PHYSICAL EDUCATION STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	10.3	9.3	7.2	9.9	9.8	9.8
Community College	10.7	15.7	18.8	12.2	12.7	12.5
4-year College or University	49.3	39.0	36.9	41.8	49.7	45.9
Apprenticeship	0.3	0.7	0.6	0.6	0.3	0.4
Other Education	1.9	1.8	1.4	1.7	2.0	1.9
EMPLOYMENT						
Paid Employment	55.8	58.8	57.3	54.1	59.2	56.7
Homemaker	1.0	0.6	0.3	0.1	1.6	0.9
Military	3.5	5.6	9.0	7.7	1.2	4.4
Unemployed	11.4	13.3	10.2	11.8	11.8	11.8
OTHER						
Other Activity	3.4	2.9	2.4	3.1	3.3	3.2
Total Responses	147.7 (10492)	147.8 (3994)	144.2 (943)	143.1 (7311)	151.7 (8118)	147.5 (15429)
Total Reporting Activity	100.0 (7104)	100.0 (2702)	100.0 (654)	100.0 (5108)	100.0 (5352)	100.0 (10460)

CLASS OF 1989 HEALTH-PHYSICAL EDUCATION STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	20.9	25.2	25.3	24.2	20.5	22.3
Paid Employment and Vocational School	6.3	5.6	3.8	5.9	6.0	6.0
Paid Employment and Community College	7.2	10.8	12.1	7.4	9.4	8.4
Paid Employment and College or University	20.2	15.7	14.1	15.0	22.1	18.7
Vocational School (only)	2.9	2.4	2.6	2.8	2.8	2.8
Community College (only)	2.1	3.2	4.6	3.2	2.0	2.6
4-year College or University (only)	20.6	14.4	15.9	18.5	18.8	18.7
Education and Seeking Employment	9.1	10.8	8.0	9.4	9.5	9.5
Unemployed (only)	1.8	1.7	1.5	1.8	1.7	1.7
Activities Other Than The Above	8.8	10.2	12.1	11.8	7.1	9.4
Total Reporting Activity	100.0 (7081)	100.0 (2697)	100.0 (653)	100.0 (5095)	100.0 (5336)	100.0 (10431)

CLASS OF 1989 HEALTH-PHYSICAL EDUCATION STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	84.8	83.6	81.5	86.5	82.5	84.3
Part-Time	15.2	16.4	18.5	13.5	17.5	15.7
Total Reporting Status	100.0 (4711)	100.0 (1672)	100.0 (395)	100.0 (3079)	100.0 (3699)	100.0 (6778)

CLASS OF 1989 HEALTH-PHYSICAL EDUCATION STUDENTS PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	16.5	15.5	14.0	17.7	14.9	16.1
State Universities	14.7	13.1	14.3	11.9	16.2	14.3
Area Vocational-Technical Institutes	11.9	11.9	9.8	13.8	10.0	11.8
Community College	12.5	22.4	27.7	16.3	15.3	15.8
Private Vocational Schools (including health related)	5.2	6.2	6.5	4.5	6.4	5.5
Private Jr. Colleges Liberal Arts Colleges	15.1	12.7	7.7	13.3	14.8	14.1
Institutions Outside Minnesota	23.4	17.8	19.6	21.9	21.7	21.8
Schools Not Reported	0.7	0.5	0.3	0.7	0.6	0.6
Total Reporting Schools	100.0 (4203)	100.0 (1467)	100.0 (336)	100.0 (2709)	100.0 (3297)	100.0 (6006)

CLASS OF 1989 HEALTH-PHYSICAL EDUCATION STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	44.2	52.0	54.6	54.8	40.1	46.9
Part-Time	55.8	48.0	45.4	45.2	59.1	53.1
Total Reporting Employed Status	100.0 (3885)	100.0 (1538)	100.0 (361)	100.0 (2676)	100.0 (3108)	100.0 (5784)

CLASS OF 1989 HEALTH-PHYSICAL EDUCATION STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.3	0.2	0.0	0.3	0.3	0.3
$3.00 - $3.99 per hour	14.1	13.0	8.7	7.8	17.8	13.5
$4.00 - $4.99 per hour	34.3	29.2	23.5	25.6	37.7	32.5
$5.00 - $5.99 per hour	25.3	26.7	31.1	28.6	23.9	25.9
$6.00 - $6.99 per hour	11.9	13.4	12.8	15.3	10.1	12.3
$7.00 per hour or more	14.1	17.4	24.0	22.4	10.1	15.4
Total Reporting Wages	100.0 (2917)	100.0 (1043)	100.0 (196)	100.0 (1780)	100.0 (2376)	100.0 (4156)

CLASS OF 1989 HEALTH-PHYSICAL EDUCATION STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	2.5	2.3	2.3	4.8	0.4	2.5
Mining	0.1	0.0	0.0	0.0	0.0	0.0
Construction	2.2	2.9	4.6	5.2	0.2	2.5
Manufacturing	10.8	12.3	14.5	15.8	7.7	11.4
Transportation, Communications, and Other Public Utilities	2.4	3.2	3.8	4.1	1.4	2.7
Wholesale and Retail Trade	39.2	40.8	40.8	37.3	41.8	39.7
Finance, Insurance, and Real Estate	2.2	1.3	1.4	0.8	3.0	2.0
Business and Repair Services	4.3	6.4	7.8	6.9	3.5	5.0
Personal Services	6.5	5.0	5.5	4.4	7.4	6.1
Entertainment and Recreation Services	3.8	5.5	4.9	4.4	4.3	4.3
Professional and Related Services	21.5	16.5	10.4	11.5	26.3	19.5
Public Administration	0.8	1.1	1.7	1.1	0.9	1.0
Industry Not Reported	3.7	2.7	2.3	3.6	3.1	3.3
Total Reporting Activity	100.0 (3780)	100.0 (1447)	100.0 (346)	100.0 (2563)	100.0 (3010)	100.0 (5573)

CLASS OF 1989 HEALTH-PHYSICAL EDUCATION STUDENTS PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	4.5	3.8	4.5	4.9	3.8	4.3
Technologists and Technicians Including Health	1.3	0.7	0.6	1.4	0.8	1.1
Marketing and Sales	23.3	23.7	20.7	16.5	29.1	23.3
Clerical	19.4	15.7	10.5	8.3	26.1	17.9
Service	28.7	28.0	26.1	23.0	33.0	28.4
Farming, Forestry, and Fishing	2.3	2.3	2.3	4.3	0.6	2.3
Construction and Extractive	1.9	2.7	6.8	5.2	0.1	2.4
Transportation and Material Moving	1.8	2.9	2.5	4.5	0.2	2.2
Mechanics and Repairers	2.2	1.4	1.4	4.1	0.1	2.0
Production	5.3	6.6	7.4	8.8	3.2	5.8
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	9.2	12.1	17.3	19.0	3.1	10.4
Total Reporting Occupations	100.0 (3779)	100.0 (1449)	100.0 (353)	100.0 (2580)	100.0 (3001)	100.0 (5581)

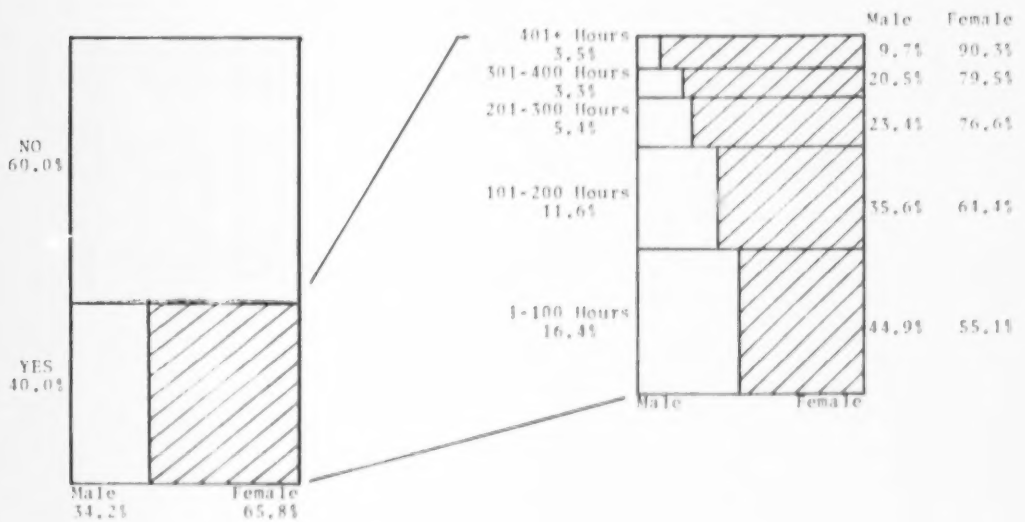
CLASS OF 1989 HOME ECONOMICS STUDENTS

Home Economics classes were selected by **forty percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 5,861 students who completed one or more courses in the curriculum category of Home Economics.

34.2 percent of these Home Economics students were male, and 65.8 percent were female. Of these students surveyed, seventy-six percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Child Development, Clothing and Textiles, Consumer Education, Home Management, Family Life and Foods.

Of the 5,861 Home Economics students, 4,076 had from 1 to 200 hours of courses; 1,272 students had courses totaling 201 to 400 hours; and 513 had 401 or more hours of course work. The total percentage of students who had selected any Home Economics courses decreased 2.9 from the Class of 1988 study.

PARTICIPATION IN HOME ECONOMICS
Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 HOME ECONOMICS STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	66.2	62.7	63.7	58.7	68.6	65.2
Return Incomplete	9.8	12.7	14.0	13.7	9.3	10.8
No Return Received	24.0	24.6	22.2	27.6	22.1	24.0
Total Assessed	100.0 (4076)	100.0 (1272)	100.0 (513)	100.0 (2003)	100.0 (3858)	100.0 (5861)

CLASS OF 1989 HOME ECONOMICS STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	11.3	17.3	18.0	12.8	13.3	13.1
Community College	14.9	13.5	11.9	14.3	14.4	14.3
4-year College or University	37.7	22.4	15.4	26.7	35.3	32.5
Apprenticeship	0.6	0.3	0.3	0.8	0.3	0.5
Other Education	1.7	2.1	2.4	1.3	2.2	1.9
EMPLOYMENT						
Paid Employment	59.4	67.4	67.9	57.9	63.7	61.8
Homemaker	1.2	2.2	4.2	0.2	2.4	1.7
Military	4.3	3.2	2.9	9.1	1.4	3.9
Unemployed	11.3	8.6	9.3	10.7	10.4	10.5
OTHER						
Other Activity	3.4	2.2	1.9	2.7	3.2	3.0
Total Responses	145.7 (4426)	139.3 (1302)	134.2 (506)	136.6 (1948)	146.6 (4286)	143.3 (6234)
Total Reporting Activity	100.0 (3038)	100.0 (935)	100.0 (377)	100.0 (1426)	100.0 (2924)	100.0 (4350)

CLASS OF 1989 HOME ECONOMICS STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	25.4	35.7	41.2	31.7	27.6	29.0
Paid Employment and Vocational School	6.8	10.8	10.7	7.0	8.5	8.0
Paid Employment and Community College	10.0	8.9	8.8	7.8	10.6	9.7
Paid Employment and College or University	15.7	9.7	6.1	9.5	15.5	13.6
Vocational School (only)	3.4	4.6	5.9	4.2	3.8	3.9
Community College (only)	3.0	3.5	2.1	4.4	2.4	3.0
4-year College or University (only)	15.0	9.5	6.4	12.2	13.6	13.1
Education and Seeking Employment	8.2	5.7	4.0	7.1	7.4	7.3
Unemployed (only)	2.3	2.1	5.3	3.0	2.3	2.5
Activities Other Than The Above	10.1	9.5	9.4	13.1	8.3	9.9
Total Reporting Activity	100.0 (3030)	100.0 (931)	100.0 (374)	100.0 (1421)	100.0 (2914)	100.0 (4335)

CLASS OF 1989 HOME ECONOMICS STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	82.6	78.7	74.4	82.7	80.8	81.4
Part-Time	17.4	21.3	25.6	17.3	19.2	18.6
Total Reporting Status	100.0 (1876)	100.0 (479)	100.0 (160)	100.0 (724)	100.0 (1791)	100.0 (2515)

CLASS OF 1989 HOME ECONOMICS STUDENTS
PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	11.3	7.3	8.3	10.2	10.4	10.4
State Universities	17.9	14.7	10.4	13.9	17.9	16.8
Area Vocational-Technical Institutes	15.4	25.8	29.2	24.0	16.1	18.3
Community College	20.5	21.3	20.8	22.9	19.8	20.7
Private Vocational Schools (including health related)	6.1	12.1	17.4	4.0	9.5	8.0
Private Jr. Colleges Liberal Arts Colleges	11.2	4.3	2.8	9.0	9.5	9.3
Institutions Outside Minnesota	17.0	13.9	10.4	15.4	16.2	16.0
Schools Not Reported	0.5	0.7	0.7	0.6	0.5	0.5
Total Reporting Schools	100.0 (1631)	100.0 (423)	100.0 (144)	100.0 (625)	100.0 (1573)	100.0 (2198)

CLASS OF 1989 HOME ECONOMICS STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	50.3	53.2	61.5	64.4	46.6	52.0
Part-Time	49.7	46.8	38.5	35.6	53.4	48.0
Total Reporting Employed Status	100.0 (1765)	100.0 (603)	100.0 (244)	100.0 (794)	100.0 (1818)	100.0 (2612)

CLASS OF 1989 HOME ECONOMICS STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.2	0.5	0.0	0.2	0.2	0.2
$3.00 - $3.99 per hour	14.5	15.9	10.6	7.7	17.2	14.5
$4.00 - $4.99 per hour	36.3	30.2	35.3	26.6	38.1	34.8
$5.00 - $5.99 per hour	23.3	28.6	29.4	26.7	24.4	25.1
$6.00 - $6.99 per hour	12.2	11.4	10.0	15.2	10.5	11.8
$7.00 per hour or more	13.6	13.4	14.7	23.6	9.6	13.7
Total Reporting Wages	100.0 (1285)	100.0 (440)	100.0 (170)	100.0 (546)	100.0 (1349)	100.0 (1895)

CLASS OF 1989 HOME ECONOMICS STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	2.7	1.6	0.8	7.0	0.2	2.3
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	2.7	0.9	0.4	6.5	0.1	2.0
Manufacturing	12.7	9.4	13.4	18.7	9.1	12.0
Transportation, Communications, and Other Public Utilities	2.1	2.1	2.1	3.6	1.4	2.1
Wholesale and Retail Trade	41.7	46.0	36.0	37.3	44.3	42.1
Finance, Insurance, and Real Estate	2.2	4.0	2.5	0.7	3.5	2.6
Business and Repair Services	3.8	4.5	1.7	4.9	3.3	3.8
Personal Services	6.2	7.8	12.6	5.0	8.1	7.2
Entertainment and Recreation Services	4.1	3.7	2.9	4.2	3.8	3.9
Professional and Related Services	17.9	16.9	24.3	6.9	23.2	18.3
Public Administration	0.8	0.5	1.3	0.9	0.7	0.8
Industry Not Reported	3.1	2.6	2.1	4.2	2.3	2.9
Total Reporting Activity	100.0 (1690)	100.0 (574)	100.0 (239)	100.0 (754)	100.0 (1749)	100.0 (2503)

CLASS OF 1989 HOME ECONOMICS STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	3.4	3.4	2.1	3.6	3.1	3.3
Technologists and Technicians Including Health	0.9	1.0	0.4	1.3	0.7	0.9
Marketing and Sales	25.8	25.1	26.4	15.5	30.2	25.7
Clerical	18.2	20.6	16.5	5.7	24.2	18.6
Service	27.9	32.0	37.2	21.2	33.5	29.8
Farming, Forestry, and Fishing	2.4	1.0	1.2	5.2	0.5	1.9
Construction and Extractive	2.1	1.5	0.8	6.0	0.1	1.9
Transportation and Material Moving	1.5	1.2	0.8	4.0	0.2	1.3
Mechanics and Repairers	1.7	1.0	0.4	4.3	0.2	1.4
Production	5.9	5.6	5.8	10.3	3.9	5.8
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	10.2	7.6	8.3	23.0	3.5	9.4
Total Reporting Occupations	100.0 (1700)	100.0 (593)	100.0 (242)	100.0 (770)	100.0 (1765)	100.0 (2535)

CLASS OF 1989 INDUSTRIAL TECHNOLOGY STUDENTS

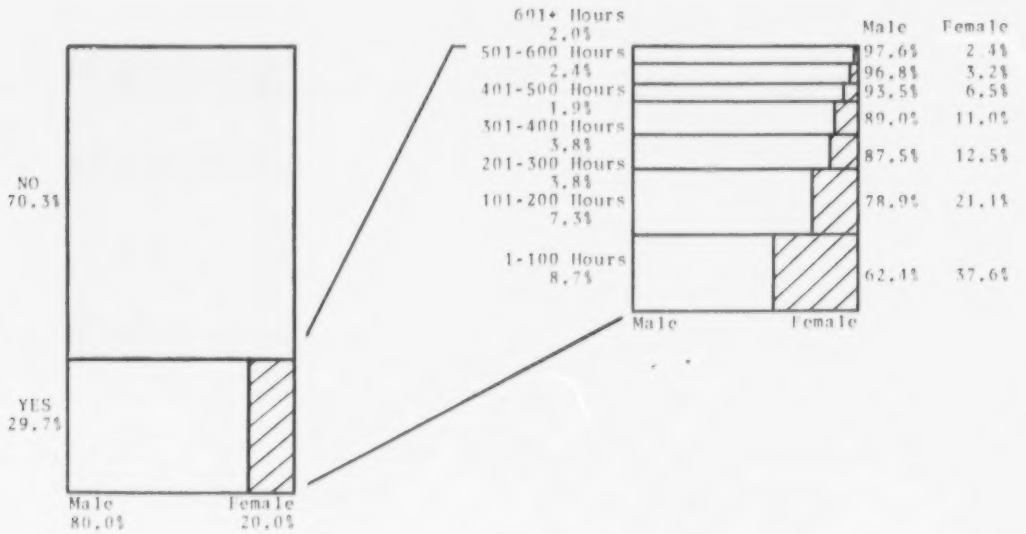
Industrial Arts classes were selected by **29.7 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 4,340 students who completed one or more courses in the curriculum category of Industrial Technology.

Eighty percent of these Industrial Technology students were male, and twenty percent were female. Of these students surveyed, 78.5 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Construction, Electricity, Graphic Arts, and Industrial Design.

Of the 4,340 Industrial Technology students, 2,334 had from 1 to 200 hours of courses; 1,100 students had courses totaling 201 to 400 hours; and 906 had 401 or more hours of course work. The total percentage of students who had selected any Industrial Technology courses decreased 5.3 from the Class of 1988 study.

PARTICIPATION IN INDUSTRIAL TECHNOLOGY

Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 INDUSTRIAL TECHNOLOGY STUDENTS PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	65.3	65.3	64.8	64.2	69.2	65.2
Return Incomplete	13.3	14.1	12.4	14.0	10.7	13.3
No Return Received	21.3	20.6	22.8	21.8	20.1	21.5
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(2334)	(1100)	(906)	(3473)	(867)	(4340)

CLASS OF 1989 INDUSTRIAL TECHNOLOGY STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	10.7	14.6	19.4	13.8	12.3	13.5
Community College	12.9	14.9	11.6	13.1	13.3	13.1
4-year College or University	39.3	26.3	15.4	28.8	39.8	31.0
Apprenticeship	0.3	0.7	0.9	0.6	0.1	0.5
Other Education	1.9	2.2	1.7	1.8	2.6	2.0
EMPLOYMENT						
Paid Employment	56.3	63.6	64.5	59.1	62.9	59.9
Homemaker	0.8	0.2	0.1	0.1	2.3	0.5
Military	7.0	8.3	11.4	10.0	1.5	8.2
Unemployed	13.6	9.9	8.7	11.0	13.9	11.6
OTHER						
Other Activity	2.6	1.9	2.0	2.3	2.2	2.3
Total Responses	145.3 (2593)	142.7 (1220)	135.8 (937)	140.6 (3718)	150.9 (1032)	142.7 (4750)
Total Reporting Activity	100.0 (1784)	100.0 (855)	100.0 (690)	100.0 (2645)	100.0 (684)	100.0 (3329)

CLASS OF 1989 INDUSTRIAL TECHNOLOGY STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	25.2	32.4	36.8	30.3	26.1	29.4
Paid Employment and Vocational School	6.3	8.5	13.2	8.4	7.9	8.3
Paid Employment and Community College	8.2	9.4	6.2	7.9	8.9	8.1
Paid Employment and College or University	14.9	11.3	6.5	10.8	17.9	12.2
Vocational School (only)	2.6	4.2	5.1	3.7	2.9	3.5
Community College (only)	2.7	3.9	3.8	3.3	2.8	3.2
4-year College or University (only)	16.3	9.6	5.2	12.1	12.9	12.3
Education and Seeking Employment	10.8	7.3	4.8	8.0	11.1	8.6
Unemployed (only)	2.0	1.4	3.0	2.1	1.8	2.0
Activities Other Than The Above	11.1	12.0	15.4	13.4	7.6	12.2
Total Reporting Activity	100.0 (1781)	100.0 (855)	100.0 (690)	100.0 (2644)	100.0 (682)	100.0 (3326)

CLASS OF 1989 INDUSTRIAL TECHNOLOGY STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	85.7	83.4	88.1	86.4	82.6	85.5
Part-Time	14.3	16.6	11.9	13.6	17.4	14.5
Total Reporting Status	100.0 (1061)	100.0 (459)	100.0 (310)	100.0 (1405)	100.0 (425)	100.0 (1830)

CLASS OF 1989 INDUSTRIAL TECHNOLOGY STUDENTS PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	15.2	10.1	7.5	12.6	12.5	12.6
State Universities	15.7	11.4	8.6	12.0	17.8	13.4
Area Vocational-Technical Institutes	14.3	23.2	36.9	22.6	13.8	20.5
Community College	18.0	23.7	19.7	20.4	17.5	19.7
Private Vocational Schools (including health related)	6.3	5.8	10.0	6.3	8.5	6.8
Private Jr. Colleges Liberal Arts Colleges	11.6	7.1	2.2	7.8	11.9	8.8
Institutions Outside Minnesota	18.8	18.2	14.0	17.7	18.0	17.8
Schools Not Reported	0.2	0.5	1.1	0.6	0.0	0.4
Total Reporting Schools	100.0 (917)	100.0 (396)	100.0 (279)	100.0 (1215)	100.0 (377)	100.0 (1592)

CLASS OF 1989 INDUSTRIAL TECHNOLOGY STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	54.5	60.5	66.8	61.7	49.1	58.9
Part-Time	45.5	39.5	33.2	38.3	50.9	41.1
Total Reporting Employed Status	100.0 (968)	100.0 (516)	100.0 (428)	100.0 (1490)	100.0 (422)	100.0 (1912)

CLASS OF 1989 INDUSTRIAL TECHNOLOGY STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.3	0.3	0.0	0.1	0.6	0.2
$3.00 - $3.99 per hour	10.3	8.8	6.2	6.7	15.7	9.0
$4.00 - $4.99 per hour	31.8	25.2	21.4	23.6	39.9	27.8
$5.00 - $5.99 per hour	26.4	27.6	25.0	27.3	23.9	26.4
$6.00 - $6.99 per hour	15.7	13.9	16.3	16.7	11.3	15.4
$7.00 per hour or more	15.5	24.2	31.2	25.6	8.5	21.2
Total Reporting Wages	100.0 (651)	100.0 (330)	100.0 (276)	100.0 (939)	100.0 (318)	100.0 (1257)

CLASS OF 1989 INDUSTRIAL TECHNOLOGY STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	3.6	4.8	8.3	6.3	0.2	4.9
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	2.6	7.5	8.5	6.6	0.5	5.2
Manufacturing	16.0	18.6	22.9	20.7	9.8	18.3
Transportation, Communications, and Other Public Utilities	3.1	3.5	3.6	3.6	2.5	3.4
Wholesale and Retail Trade	36.8	38.5	35.5	36.4	39.0	36.9
Finance, Insurance, and Real Estate	1.5	0.8	1.0	0.8	2.7	1.2
Business and Repair Services	6.7	5.4	8.5	6.9	6.1	6.8
Personal Services	4.9	4.3	3.4	3.3	8.1	4.4
Entertainment and Recreation Services	3.9	3.5	1.7	2.9	4.7	3.3
Professional and Related Services	15.8	9.5	4.6	8.1	23.8	11.6
Public Administration	1.5	1.0	0.5	1.2	1.0	1.2
Industry Not Reported	3.7	2.5	1.5	3.2	1.7	2.9
Total Reporting Activity	100.0 (925)	100.0 (483)	100.0 (411)	100.0 (1411)	100.0 (408)	100.0 (1819)

CLASS OF 1989 INDUSTRIAL TECHNOLOGY STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	3.8	5.5	3.9	4.5	3.6	4.3
Technologists and Technicians Including Health	1.8	0.8	0.7	1.3	1.5	1.3
Marketing and Sales	18.1	16.8	12.8	14.3	24.6	16.6
Clerical	13.6	7.6	5.1	5.8	24.8	10.0
Service	28.2	19.4	16.1	20.3	33.1	23.1
Farming, Forestry, and Fishing	3.5	3.7	6.0	4.8	1.7	4.1
Construction and Extractive	3.0	6.7	7.0	6.2	0.2	4.9
Transportation and Material Moving	3.0	4.1	4.3	4.5	0.5	3.6
Mechanics and Repairers	2.8	4.9	7.5	5.5	0.5	4.4
Production	7.7	10.8	13.3	11.1	5.1	9.8
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	14.5	19.6	23.4	21.7	4.4	17.9
Total Reporting Occupations	100.0 (937)	100.0 (489)	100.0 (415)	100.0 (1430)	100.0 (411)	100.0 (1841)

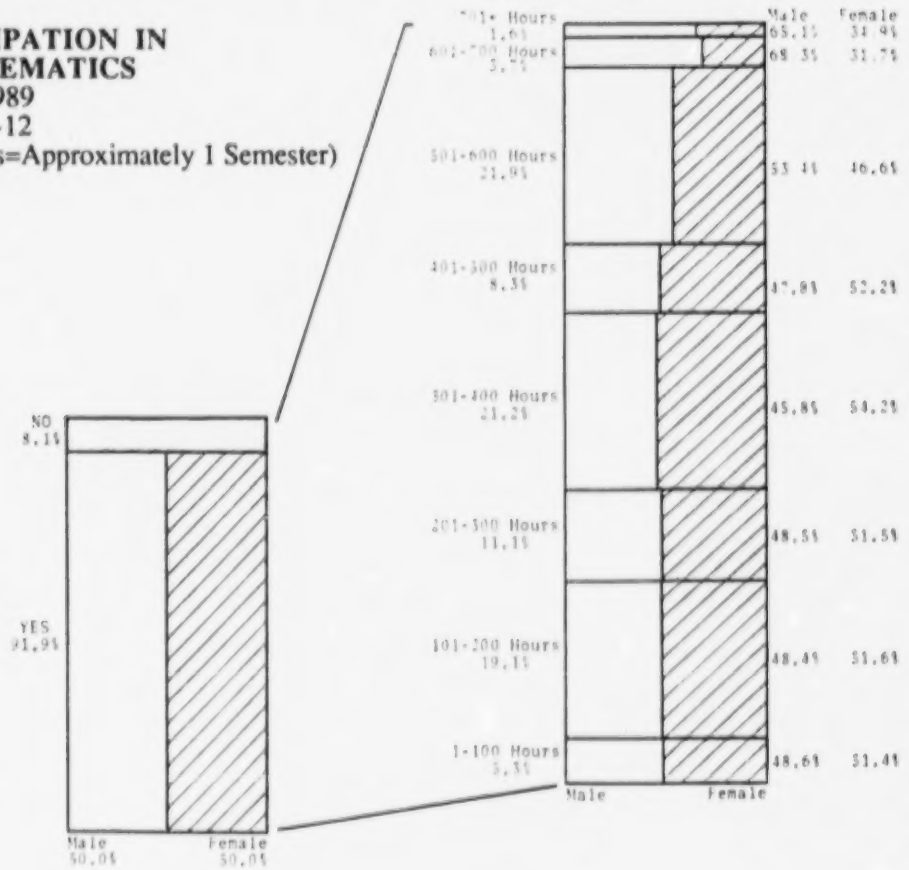
CLASS OF 1989 MATHEMATICS STUDENTS

Mathematics classes were selected by **91.9 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 13,445 students who completed one or more courses in the curriculum category of Mathematics.

Fifty percent of these Mathematics students were male, and fifty percent were female. Of these students surveyed, 78.2 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: College Algebra, General Mathematics, Geometry, and Trigonometry.

Of the 13,445 Mathematics students, 3,556 had from 1 to 200 hours of courses; 4,697 students had courses totaling 201 to 400 hours; and 5,192 had 401 or more hours of course work. The total percentage of students who had selected any Mathematics courses decreased 3.2 from the Class of 1988 study.

PARTICIPATION IN MATHEMATICS
Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 MATHEMATICS STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	58.4	65.0	77.0	64.2	71.6	67.9
Return Incomplete	12.6	10.4	8.6	12.1	8.5	10.3
No Return Received	29.1	24.5	14.4	23.7	20.0	21.8
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(3556)	(4697)	(5192)	(6729)	(6716)	(13445)

CLASS OF 1989 MATHEMATICS STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	16.7	9.8	5.3	9.8	9.4	9.6
Community College	11.8	14.5	11.7	12.5	12.8	12.6
4-year College or University	20.1	40.9	67.2	42.9	50.9	47.0
Apprenticeship	0.6	0.5	0.4	0.6	0.3	0.5
Other Education	2.2	2.1	1.4	1.6	2.1	1.8
EMPLOYMENT						
Paid Employment	66.2	58.5	48.7	53.6	58.7	56.2
Homemaker	1.6	0.8	0.4	0.1	1.5	0.8
Military	5.7	5.0	3.0	7.5	1.2	4.3
Unemployed	10.3	12.0	13.0	12.0	12.0	12.0
OTHER						
Other Activity	2.6	3.0	3.7	3.1	3.3	3.2
Total Responses	137.8 (3414)	147.1 (5111)	154.7 (6731)	143.7 (7225)	152.2 (8031)	148.1 (15256)
Total Reporting Activity	100.0 (2477)	100.0 (3475)	100.0 (4351)	100.0 (5028)	100.0 (5275)	100.0 (10303)

CLASS OF 1989 MATHEMATICS STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	37.8	23.9	10.2	23.3	19.7	21.5
Paid Employment and Vocational School	9.6	6.4	3.2	5.9	5.8	5.8
Paid Employment and Community College	8.3	10.0	7.5	7.5	9.5	8.5
Paid Employment and College or University	8.9	16.5	26.9	15.4	22.6	19.1
Vocational School (only)	5.4	2.4	1.4	2.7	2.6	2.7
Community College (only)	2.1	3.0	2.5	3.2	2.0	2.6
4-year College or University (only)	7.1	16.5	28.3	19.1	19.3	19.2
Education and Seeking Employment	6.3	9.1	11.9	9.5	9.7	9.6
Unemployed (only)	3.3	2.0	0.7	1.8	1.7	1.8
Activities Other Than The Above	11.3	10.2	7.3	11.6	7.0	9.2
Total Reporting Activity	100.0 (2468)	100.0 (3464)	100.0 (4342)	100.0 (5015)	100.0 (5259)	100.0 (10274)

CLASS OF 1989 MATHEMATICS STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	81.3	80.8	87.6	86.4	82.6	84.3
Part-Time	18.7	19.2	12.4	13.6	17.4	15.7
Total Reporting Status	100.0 (1146)	100.0 (2167)	100.0 (3455)	100.0 (3077)	100.0 (3691)	100.0 (6768)

CLASS OF 1989 MATHEMATICS STUDENTS
PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	9.0	13.0	20.9	17.8	15.1	16.3
State Universities	11.5	15.8	14.1	11.8	16.1	14.2
Area Vocational-Technical Institutes	29.4	12.3	4.4	13.4	9.5	11.2
Community College	20.0	19.1	12.0	16.1	15.3	15.6
Private Vocational Schools (including health related)	10.3	6.6	3.1	4.4	6.3	5.4
Private Jr. Colleges Liberal Arts Colleges	6.3	11.8	18.4	13.5	14.9	14.3
Institutions Outside Minnesota	12.8	20.8	26.4	22.2	22.3	22.3
Schools Not Reported	0.7	0.7	0.6	0.7	0.6	0.6
Total Reporting Schools	100.0 (1025)	100.0 (1915)	100.0 (3042)	100.0 (2702)	100.0 (3280)	100.0 (5982)

CLASS OF 1989 MATHEMATICS STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	62.3	49.8	30.6	54.0	39.6	46.2
Part-Time	37.7	50.2	69.4	46.0	60.4	53.8
Total Reporting Employed Status	100.0 (1587)	100.0 (1991)	100.0 (2070)	100.0 (2609)	100.0 (3039)	100.0 (5648)

CLASS OF 1989 MATHEMATICS STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.6	0.1	0.2	0.2	0.3	0.3
$3.00 - $3.99 per hour	12.4	13.8	14.4	7.8	18.0	13.7
$4.00 - $4.99 per hour	29.7	33.2	33.9	26.3	37.3	32.6
$5.00 - $5.99 per hour	26.7	23.8	27.6	28.6	24.1	26.0
$6.00 - $6.99 per hour	12.9	12.5	12.0	15.4	10.2	12.4
$7.00 per hour or more	17.9	16.5	12.0	21.8	10.1	15.1
Total Reporting Wages	100.0 (1058)	100.0 (1419)	100.0 (1614)	100.0 (1751)	100.0 (2340)	100.0 (4091)

CLASS OF 1989 MATHEMATICS STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	3.6	2.1	1.9	4.8	0.4	2.4
Mining	0.0	0.1	0.1	0.0	0.0	0.0
Construction	3.8	2.3	1.5	5.0	0.2	2.4
Manufacturing	15.4	11.1	8.4	15.4	7.8	11.3
Transportation, Communications, and Other Public Utilities	2.7	2.8	2.4	4.0	1.4	2.6
Wholesale and Retail Trade	36.7	42.4	39.4	37.5	41.6	39.7
Finance, Insurance, and Real Estate	3.0	1.6	1.4	0.8	2.9	1.9
Business and Repair Services	5.1	5.7	4.4	6.9	3.5	5.1
Personal Services	7.1	5.7	5.1	4.2	7.3	5.9
Entertainment and Recreation Services	3.7	4.0	5.4	4.6	4.3	4.4
Professional and Related Services	15.5	17.4	25.6	12.2	26.5	19.9
Public Administration	0.7	1.3	0.9	1.1	0.9	1.0
Industry Not Reported	2.7	3.3	3.8	3.6	3.1	3.3
Total Reporting Activity	100.0 (1519)	100.0 (1917)	100.0 (2000)	100.0 (2491)	100.0 (2945)	100.0 (5436)

CLASS OF 1989 MATHEMATICS STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	3.8	4.6	4.9	5.1	4.0	4.5
Technologists and Technicians Including Health	0.5	1.0	1.6	1.4	0.8	1.1
Marketing and Sales	19.0	25.1	25.0	16.7	28.9	23.3
Clerical	16.7	18.5	18.8	8.6	26.3	18.1
Service	26.2	27.7	30.6	23.1	32.8	28.3
Farming, Forestry, and Fishing	3.5	1.5	2.1	4.3	0.6	2.3
Construction and Extractive	2.8	2.5	1.7	5.0	0.0	2.3
Transportation and Material Moving	2.3	1.9	2.1	4.4	0.1	2.1
Mechanics and Repairers	3.6	1.6	1.1	4.1	0.1	2.0
Production	8.4	5.5	3.6	8.6	3.1	5.6
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	13.1	10.2	8.4	18.9	3.1	10.4
Total Reporting Occupations	100.0 (1550)	100.0 (1928)	100.0 (1966)	100.0 (2514)	100.0 (2930)	100.0 (5444)

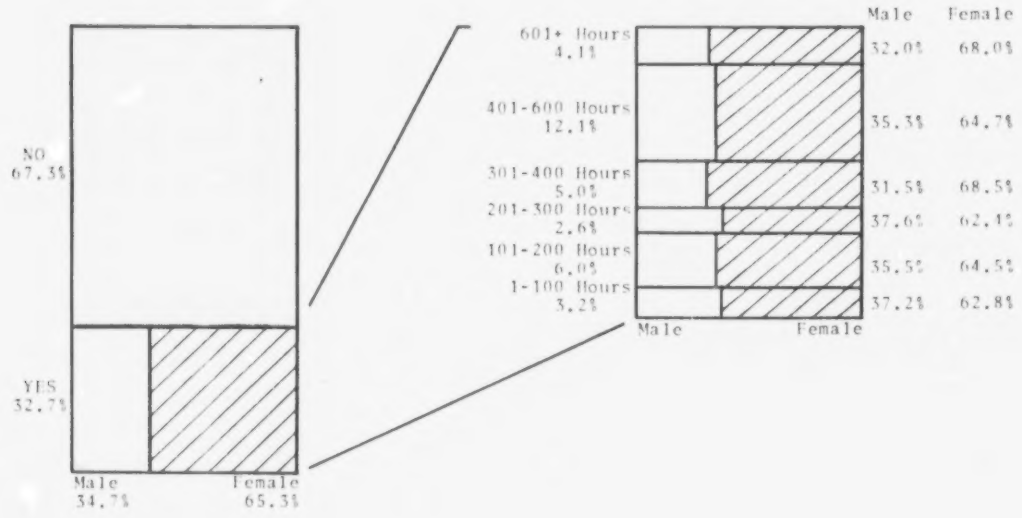
CLASS OF 1989 MUSIC STUDENTS

Music classes were selected by **32.7 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 4,787 students who completed one or more courses in the curriculum category of Music.

34.7 percent of these Music students were male, and 65.3 percent were female. Of these students surveyed, 82.1 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Band, Choir, Music Literature, and Music Theory.

Of the 4,787 Music students, 1,335 had from 1 to 200 hours of courses; 1,104 students had courses totaling 201 to 400 hours; and 2,348 had 401 or more hours of course work. The total percentage of students who had selected any Music courses increased 0.8 over the Class of 1988 study.

PARTICIPATION IN MUSIC
Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 MUSIC STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	67.2	69.0	77.4	68.8	74.7	72.6
Return Incomplete	9.1	10.1	9.4	11.0	8.7	9.5
No Return Received	23.7	20.8	13.2	20.2	16.6	17.9
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(1335)	(1104)	(2348)	(1661)	(3126)	(4787)

CLASS OF 1989 MUSIC STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	9.3	10.1	8.2	8.5	9.1	8.9
Community College	14.4	13.3	11.5	12.8	12.6	12.7
4-year College or University	45.3	49.5	63.0	54.0	56.2	55.5
Apprenticeship	0.3	0.5	0.1	0.2	0.3	0.3
Other Education	2.2	1.6	1.6	1.4	1.9	1.7
EMPLOYMENT						
Paid Employment	55.6	52.8	52.7	47.8	56.4	53.5
Homemaker	1.0	0.8	0.9	0.3	1.2	0.9
Military	3.3	3.2	2.4	5.5	1.4	2.8
Unemployed	12.1	10.9	13.8	12.8	12.6	12.7
OTHER						
Other Activity	4.9	4.0	3.5	4.2	3.9	4.0
Total Responses	148.4 (1477)	146.7 (1278)	157.7 (3203)	147.6 (1944)	155.6 (4014)	152.9 (5958)
Total Reporting Activity	100.0 (995)	100.0 (871)	100.0 (2031)	100.0 (1317)	100.0 (2580)	100.0 (3897)

CLASS OF 1989 MUSIC STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	20.5	18.3	12.2	15.8	15.6	15.7
Paid Employment and Vocational School	5.4	5.2	5.0	4.4	5.5	5.2
Paid Employment and Community College	9.5	7.6	8.4	7.3	9.1	8.5
Paid Employment and College or University	19.2	20.4	26.3	19.3	25.1	23.2
Vocational School (only)	2.1	4.3	2.1	2.6	2.6	2.6
Community College (only)	3.3	3.9	1.6	3.6	2.1	2.6
4-year College or University (only)	17.8	20.9	24.4	24.0	20.9	22.0
Education and Seeking Employment	9.6	8.4	12.5	11.6	10.5	10.9
Unemployed (only)	2.1	2.1	0.7	0.9	1.6	1.4
Activities Other Than The Above	10.5	8.8	6.7	10.5	6.9	8.1
Total Reporting Activity	100.0 (994)	100.0 (864)	100.0 (2022)	100.0 (1311)	100.0 (2569)	100.0 (3880)

CLASS OF 1989 MUSIC STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	84.6	87.3	86.5	89.8	84.5	86.2
Part-Time	15.4	12.7	13.5	10.2	15.5	13.8
Total Reporting Status	100.0 (641)	100.0 (613)	100.0 (1593)	100.0 (933)	100.0 (1914)	100.0 (2847)

CLASS OF 1989 MUSIC STUDENTS
PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	14.9	12.6	16.7	17.7	14.4	15.4
State Universities	13.7	18.5	15.3	13.4	16.6	15.6
Area Vocational-Technical Institutes	10.4	12.2	7.8	10.5	8.8	9.3
Community College	16.8	15.2	11.7	12.7	14.0	13.6
Private Vocational Schools (including health related)	5.7	5.4	3.3	2.4	5.2	4.3
Private Jr. Colleges Liberal Arts Colleges	12.7	14.4	21.2	18.3	17.7	17.9
Institutions Outside Minnesota	25.2	21.6	22.7	24.0	22.6	23.1
Schools Not Reported	0.7	0.2	1.2	1.0	0.8	0.8
Total Reporting Schools	100.0 (584)	100.0 (541)	100.0 (1478)	100.0 (841)	100.0 (1762)	100.0 (2603)

CLASS OF 1989 MUSIC STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	43.3	39.2	31.5	42.5	33.8	36.4
Part-Time	56.7	60.8	68.5	57.5	66.2	63.6
Total Reporting Employed Status	100.0 (540)	100.0 (454)	100.0 (1037)	100.0 (602)	100.0 (1429)	100.0 (2031)

CLASS OF 1989 MUSIC STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.2	0.3	0.4	0.0	0.4	0.3
$3.00 - $3.99 per hour	15.4	17.6	20.8	11.6	21.5	18.7
$4.00 - $4.99 per hour	35.0	41.4	40.9	29.0	43.5	39.5
$5.00 - $5.99 per hour	24.6	22.0	21.8	29.7	19.8	22.5
$6.00 - $6.99 per hour	13.9	10.4	7.6	15.2	7.7	9.8
$7.00 per hour or more	10.9	8.3	8.6	14.5	7.0	9.1
Total Reporting Wages	100.0 (403)	100.0 (336)	100.0 (841)	100.0 (441)	100.0 (1139)	100.0 (1580)

CLASS OF 1989 MUSIC STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	1.5	1.2	1.5	3.6	0.5	1.4
Mining	0.0	0.0	0.2	0.2	0.1	0.1
Construction	0.9	1.4	1.0	3.1	0.2	1.1
Manufacturing	9.8	9.0	8.6	12.2	7.6	9.0
Transportation, Communications, and Other Public Utilities	2.3	2.8	1.8	4.3	1.2	2.1
Wholesale and Retail Trade	42.7	40.6	36.5	36.5	40.1	39.1
Finance, Insurance, and Real Estate	2.1	1.4	1.2	0.7	1.8	1.5
Business and Repair Services	4.0	4.0	3.7	6.2	2.9	3.9
Personal Services	6.8	8.3	6.6	4.6	8.0	7.0
Entertainment and Recreation Services	5.6	2.8	4.8	5.3	4.3	4.6
Professional and Related Services	19.8	26.2	28.7	18.5	28.8	25.8
Public Administration	1.1	0.5	0.3	0.3	0.6	0.6
Industry Not Reported	3.4	1.9	5.1	4.5	3.7	4.0
Total Reporting Activity	100.0 (531)	100.0 (424)	100.0 (1016)	100.0 (583)	100.0 (1388)	100.0 (1971)

CLASS OF 1989 MUSIC STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	3.2	4.6	5.5	5.7	4.3	4.7
Technologists and Technicians Including Health	0.2	1.8	1.2	2.1	0.7	1.1
Marketing and Sales	30.9	23.5	24.8	18.1	29.6	26.2
Clerical	20.2	18.4	21.0	10.8	24.1	20.2
Service	29.6	31.8	33.4	27.7	33.9	32.0
Farming, Forestry, and Fishing	1.5	2.8	0.9	3.4	0.7	1.5
Construction and Extractive	0.9	0.5	1.1	3.1	0.0	0.9
Transportation and Material Moving	1.3	1.4	1.0	3.6	0.1	1.2
Mechanics and Repairers	0.6	1.6	0.9	2.9	0.1	1.0
Production	4.7	6.0	4.2	8.1	3.3	4.7
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	6.8	7.6	5.9	14.5	3.2	6.5
Total Reporting Occupations	100.0 (530)	100.0 (434)	100.0 (996)	100.0 (581)	100.0 (1379)	100.0 (1960)

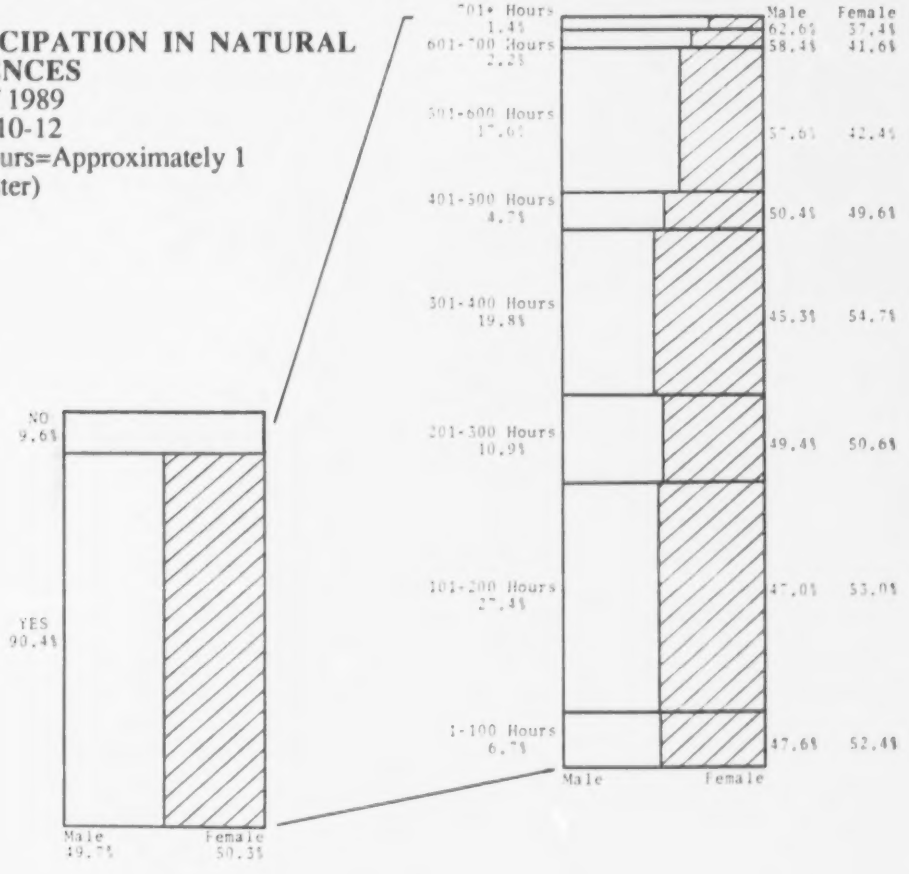
CLASS OF 1989 NATURAL SCIENCE STUDENTS

Natural Science classes were selected by **90.4 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 13,233 students who completed one or more courses in the curriculum category of Natural Science.

49.7 percent of these Natural Science students were male, and 50.3 percent were female. Of these students surveyed, 78.2 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Chemistry, Conservation, General Biology, Geology, and Physics.

Of the 13,233 Natural Science students, 4,965 had from 1 to 200 hours of courses; 4,475 students had courses totaling 201 to 400 hours; and 3,793 had 401 or more hours of course work. The total percentage of students who had selected any Natural Science courses decreased 2.6 from the Class of 1988 study.

PARTICIPATION IN NATURAL SCIENCES
Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 NATURAL SCIENCE STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	62.2	67.9	75.1	64.1	71.4	67.8
Return Incomplete	10.9	9.9	10.3	12.3	8.5	10.4
No Return Received	27.0	22.2	14.6	23.6	20.1	21.8
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(4965)	(4475)	(3793)	(6576)	(6657)	(13233)

CLASS OF 1989 NATURAL SCIENCE STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	16.3	8.1	3.4	9.6	9.5	9.5
Community College	13.2	14.9	9.6	12.5	12.7	12.6
4-year College or University	23.2	47.9	74.0	43.5	51.0	47.4
Apprenticeship	0.4	0.6	0.3	0.6	0.3	0.4
Other Education	2.4	1.7	1.3	1.7	2.0	1.8
EMPLOYMENT						
Paid Employment	66.3	55.1	46.1	53.3	59.0	56.2
Homemaker	1.6	0.5	0.3	0.1	1.4	0.8
Military	4.9	4.6	3.1	7.5	1.2	4.3
Unemployed	9.5	11.6	15.4	12.0	12.0	12.0
OTHER						
Other Activity	2.7	3.3	3.6	3.1	3.3	3.2
Total Responses	140.5 (5032)	148.4 (5100)	157.2 (4996)	144.0 (7136)	152.5 (7992)	148.4 (15128)
Total Reporting Activity	100.0 (3581)	100.0 (3436)	100.0 (3179)	100.0 (4956)	100.0 (5240)	100.0 (10196)

CLASS OF 1989 NATURAL SCIENCE STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	34.8	19.6	8.0	22.9	19.8	21.3
Paid Employment and Vocational School	10.2	4.7	2.1	5.7	5.9	5.8
Paid Employment and Community College	9.7	9.3	6.5	7.6	9.5	8.6
Paid Employment and College or University	9.6	20.3	29.0	15.7	22.7	19.3
Vocational School (only)	4.6	2.3	0.7	2.6	2.6	2.6
Community College (only)	2.3	3.5	1.8	3.2	1.9	2.5
4-year College or University (only)	9.3	19.8	29.9	19.3	19.2	19.3
Education and Seeking Employment	5.9	9.3	14.4	9.6	9.8	9.7
Unemployed (only)	2.8	1.6	0.6	1.8	1.6	1.7
Activities Other Than The Above	10.8	9.6	6.9	11.5	6.9	9.2
Total Reporting Activity	100.0 (3567)	100.0 (3427)	100.0 (3172)	100.0 (4943)	100.0 (5223)	100.0 (10166)

CLASS OF 1989 NATURAL SCIENCE STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	80.0	84.3	87.6	86.4	82.7	84.4
Part-Time	20.0	15.7	12.4	13.6	17.3	15.6
Total Reporting Status	100.0 (1829)	100.0 (2302)	100.0 (2599)	100.0 (3057)	100.0 (3673)	100.0 (6730)

CLASS OF 1989 NATURAL SCIENCE STUDENTS
PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	7.5	15.4	23.7	17.8	15.2	16.4
State Universities	12.7	16.2	13.8	12.1	16.1	14.3
Area Vocational-Technical Institutes	24.6	9.5	3.0	13.0	9.7	11.2
Community College	21.3	17.6	9.9	16.2	15.2	15.7
Private Vocational Schools (including health related)	10.8	4.6	2.1	4.3	6.1	5.3
Private Jr. Colleges Liberal Arts Colleges	7.8	13.5	19.7	13.5	15.0	14.3
Institutions Outside Minnesota	14.9	22.5	27.3	22.3	22.2	22.2
Schools Not Reported	0.5	0.8	0.6	0.7	0.6	0.6
Total Reporting Schools	100.0 (1645)	100.0 (2049)	100.0 (2267)	100.0 (2692)	100.0 (3269)	100.0 (5961)

CLASS OF 1989 NATURAL SCIENCE STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	58.8	43.2	28.6	53.4	39.5	45.8
Part-Time	41.2	56.8	71.4	46.6	60.5	54.2
Total Reporting Employed Status	100.0 (2300)	100.0 (1856)	100.0 (1443)	100.0 (2565)	100.0 (3034)	100.0 (5599)

CLASS OF 1989 NATURAL SCIENCE STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.2	0.4	0.3	0.2	0.3	0.3
$3.00 - $3.99 per hour	11.0	15.9	15.5	8.0	18.3	13.9
$4.00 - $4.99 per hour	30.9	31.6	37.2	26.3	37.7	32.9
$5.00 - $5.99 per hour	26.7	25.3	25.7	28.5	24.1	26.0
$6.00 - $6.99 per hour	13.7	11.8	10.9	15.6	9.8	12.3
$7.00 per hour or more	17.6	15.0	10.4	21.3	9.8	14.7
Total Reporting Wages	100.0 (1523)	100.0 (1356)	100.0 (1143)	100.0 (1701)	100.0 (2321)	100.0 (4022)

CLASS OF 1989 NATURAL SCIENCE STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	3.0	1.6	2.3	4.7	0.4	2.4
Mining	0.0	0.1	0.1	0.0	0.0	0.0
Construction	2.8	2.5	1.3	4.9	0.2	2.3
Manufacturing	13.8	10.5	7.7	15.2	7.7	11.1
Transportation, Communications, and Other Public Utilities	2.9	2.7	2.0	4.1	1.4	2.6
Wholesale and Retail Trade	40.7	41.2	37.0	37.7	41.8	39.9
Finance, Insurance, and Real Estate	2.3	2.2	0.7	0.8	2.7	1.9
Business and Repair Services	6.0	4.2	4.6	6.8	3.5	5.0
Personal Services	6.0	6.1	5.8	4.3	7.4	6.0
Entertainment and Recreation Services	3.7	4.6	5.5	4.6	4.3	4.4
Professional and Related Services	15.2	20.1	27.6	12.1	26.6	20.0
Public Administration	1.2	1.0	0.8	1.2	0.9	1.0
Industry Not Reported	2.6	3.2	4.6	3.6	3.1	3.3
Total Reporting Activity	100.0 (2216)	100.0 (1782)	100.0 (1375)	100.0 (2446)	100.0 (2927)	100.0 (5373)

CLASS OF 1989 NATURAL SCIENCE STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	4.4	4.4	4.9	5.1	4.0	4.5
Technologists and Technicians Including Health	0.6	1.1	2.0	1.5	0.8	1.1
Marketing and Sales	21.0	25.3	24.5	16.6	29.0	23.3
Clerical	16.8	18.9	18.8	8.6	26.0	18.0
Service	26.9	28.9	31.6	23.6	33.2	28.8
Farming, Forestry, and Fishing	2.4	1.7	2.5	4.1	0.5	2.2
Construction and Extractive	2.6	2.5	1.3	4.8	0.1	2.2
Transportation and Material Moving	2.3	1.9	1.7	4.6	0.2	2.2
Mechanics and Repairers	3.0	1.1	1.0	3.9	0.1	1.9
Production	7.3	4.9	3.3	8.3	3.2	5.5
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	12.3	9.1	8.4	18.9	3.0	10.3
Total Reporting Occupations	100.0 (2245)	100.0 (1785)	100.0 (1350)	100.0 (2460)	100.0 (2920)	100.0 (5380)

CLASS OF 1989 OFFICE OCCUPATIONS STUDENTS

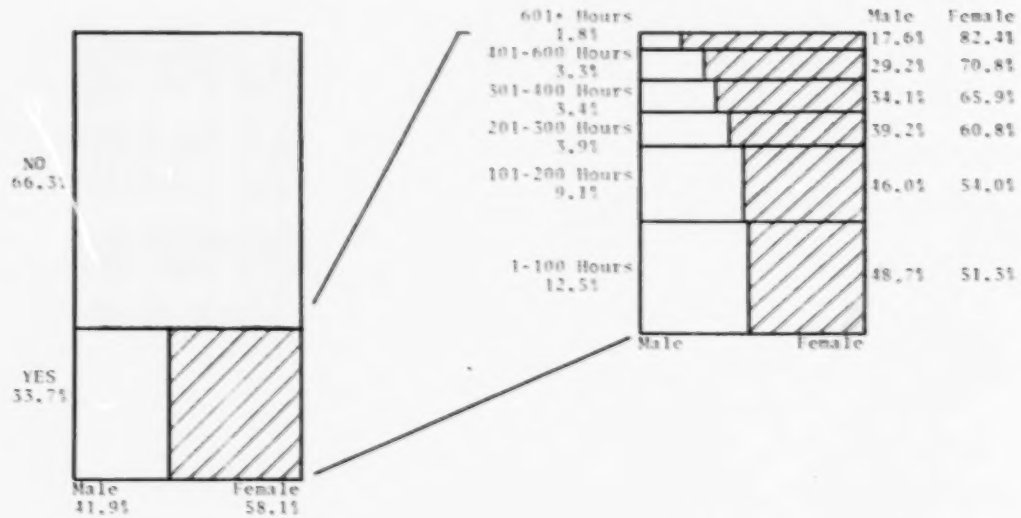
Office Occupations classes were selected by **33.7 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 4,938 students who completed one or more courses in the curriculum category of Office Occupations.

41.9 percent of these Office Occupations students were male, and 58.1 percent were female. Of these students surveyed, 74.6 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Data Processing, Advanced Accounting, Advanced Typing, Business Technology and Micro Computer Applications.

Of the 4,938 Office Occupations students, 3,148 had from 1 to 200 hours of courses; 1,048 students had courses totaling 201 to 400 hours; and 742 had 401 or more hours of course work. The total percentage of students who had selected any Office Occupations courses increased 8.5 over the Class of 1988 study.

PARTICIPATION IN OFFICE OCCUPATIONS

Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 OFFICE OCCUPATIONS STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	62.6	64.4	68.3	60.0	66.6	63.9
Return Incomplete	10.7	10.5	11.1	12.9	9.1	10.7
No Return Received	26.7	25.1	20.6	27.1	24.2	25.5
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(3148)	(1048)	(742)	(2070)	(2868)	(4938)

CLASS OF 1989 OFFICE OCCUPATIONS STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	8.2	10.8	14.6	8.5	10.7	9.8
Community College	12.4	13.8	15.8	13.6	13.0	13.2
4-year College or University	50.0	44.6	31.0	45.1	46.3	45.8
Apprenticeship	0.4	0.4	0.2	0.4	0.4	0.4
Other Education	1.9	1.5	2.0	1.6	2.0	1.8
EMPLOYMENT						
Paid Employment	55.4	58.9	61.9	52.3	60.6	57.2
Homemaker	0.9	0.7	1.9	0.3	1.6	1.0
Military	4.4	2.9	3.1	7.8	1.1	3.9
Unemployed	9.6	9.6	9.4	9.4	9.6	9.5
OTHER						
Other Activity	3.8	3.6	2.6	3.4	3.7	3.5
Total Responses	147.0 (3394)	146.9 (1178)	142.3 (837)	142.4 (2166)	148.9 (3243)	146.2 (5409)
Total Reporting Activity	100.0 (2309)	100.0 (802)	100.0 (588)	100.0 (1521)	100.0 (2178)	100.0 (3699)

CLASS OF 1989 OFFICE OCCUPATIONS STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	19.1	23.2	28.7	21.1	21.9	21.5
Paid Employment and Vocational School	5.5	6.4	8.2	5.0	6.9	6.1
Paid Employment and Community College	8.7	8.7	10.6	7.9	9.7	9.0
Paid Employment and College or University	20.9	19.3	13.3	17.2	20.9	19.4
Vocational School (only)	1.9	2.9	5.1	2.3	2.8	2.6
Community College (only)	2.7	3.4	3.9	4.0	2.4	3.0
4-year College or University (only)	22.1	19.3	12.3	21.3	18.9	19.9
Education and Seeking Employment	7.1	6.9	7.5	7.6	6.8	7.1
Unemployed (only)	2.1	2.3	1.0	1.7	2.2	2.0
Activities Other Than The Above	10.0	7.5	9.4	12.1	7.5	9.4
Total Reporting Activity	100.0 (2298)	100.0 (796)	100.0 (586)	100.0 (1515)	100.0 (2165)	100.0 (3680)

CLASS OF 1989 OFFICE OCCUPATIONS STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	83.7	81.6	78.2	86.3	80.0	82.5
Part-Time	16.3	18.4	21.8	13.7	20.0	17.5
Total Reporting Status	100.0 (1548)	100.0 (517)	100.0 (349)	100.0 (948)	100.0 (1466)	100.0 (2414)

CLASS OF 1989 OFFICE OCCUPATIONS STUDENTS PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	19.7	16.3	14.0	20.4	16.7	18.2
State Universities	13.7	17.0	15.2	12.8	15.9	14.7
Area Vocational-Technical Institutes	9.8	12.8	18.1	11.4	11.8	11.7
Community College	16.2	15.7	20.6	16.8	16.7	16.7
Private Vocational Schools (including health related)	4.7	7.3	10.8	3.9	7.6	6.1
Private Jr. Colleges Liberal Arts Colleges	14.6	12.1	9.8	13.1	13.5	13.3
Institutions Outside Minnesota	20.6	16.6	10.5	20.5	16.8	18.3
Schools Not Reported	0.7	2.2	1.0	1.1	1.0	1.0
Total Reporting Schools	100.0 (1347)	100.0 (453)	100.0 (315)	100.0 (823)	100.0 (1292)	100.0 (2115)

CLASS OF 1989 OFFICE OCCUPATIONS STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	41.9	44.1	55.7	50.4	41.3	44.7
Part-Time	58.1	55.9	44.3	49.6	58.7	55.3
Total Reporting Employed Status	100.0 (1271)	100.0 (447)	100.0 (357)	100.0 (784)	100.0 (1291)	100.0 (2075)

CLASS OF 1989 OFFICE OCCUPATIONS STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.1	0.3	0.4	0.2	0.2	0.2
$3.00 - $3.99 per hour	14.7	15.9	12.9	9.2	17.6	14.7
$4.00 - $4.99 per hour	30.0	31.7	34.4	24.2	34.8	31.1
$5.00 - $5.99 per hour	28.8	26.6	25.8	32.2	25.5	27.9
$6.00 - $6.99 per hour	13.1	9.9	10.9	13.6	11.2	12.1
$7.00 per hour or more	13.3	15.6	15.6	20.6	10.7	14.1
Total Reporting Wages	100.0 (986)	100.0 (334)	100.0 (256)	100.0 (553)	100.0 (1023)	100.0 (1576)

CLASS OF 1989 OFFICE OCCUPATIONS STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	1.8	1.0	0.9	3.5	0.2	1.5
Mining	0.0	0.2	0.0	0.0	0.1	0.1
Construction	1.7	1.2	0.9	3.6	0.2	1.5
Manufacturing	11.5	10.8	11.5	14.4	9.5	11.3
Transportation, Communications, and Other Public Utilities	2.5	3.4	2.5	4.4	1.6	2.7
Wholesale and Retail Trade	40.4	37.9	39.9	40.3	39.4	39.8
Finance, Insurance, and Real Estate	1.4	2.9	5.3	0.9	3.2	2.4
Business and Repair Services	3.9	3.4	3.4	5.6	2.6	3.7
Personal Services	7.7	5.3	6.9	5.6	7.9	7.1
Entertainment and Recreation Services	4.4	3.4	3.4	3.8	4.2	4.0
Professional and Related Services	19.4	24.0	22.4	11.8	26.5	20.9
Public Administration	0.9	1.2	1.6	1.1	1.1	1.1
Industry Not Reported	4.3	5.5	1.2	4.8	3.6	4.1
Total Reporting Activity	100.0 (1219)	100.0 (417)	100.0 (321)	100.0 (744)	100.0 (1213)	100.0 (1957)

CLASS OF 1989 OFFICE OCCUPATIONS STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	5.1	4.3	3.6	5.7	4.0	4.7
Technologists and Technicians Including Health	0.8	1.0	1.2	1.2	0.7	0.9
Marketing and Sales	24.5	27.7	22.0	19.6	27.9	24.7
Clerical	18.1	22.7	34.4	9.2	29.6	21.9
Service	29.4	28.9	22.3	23.8	30.7	28.1
Farming, Forestry, and Fishing	2.1	0.7	1.8	4.0	0.3	1.7
Construction and Extractive	1.8	1.2	1.5	4.3	0.0	1.6
Transportation and Material Moving	2.1	1.2	0.6	4.2	0.1	1.6
Mechanics and Repairers	1.0	1.0	0.6	2.4	0.0	0.9
Production	5.8	4.6	5.3	8.6	3.5	5.5
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	9.3	6.7	6.8	17.0	3.1	8.3
Total Reporting Occupations	100.0 (1201)	100.0 (415)	100.0 (337)	100.0 (741)	100.0 (1212)	100.0 (1953)

CLASS OF 1989 SERVICE OCCUPATIONS STUDENTS

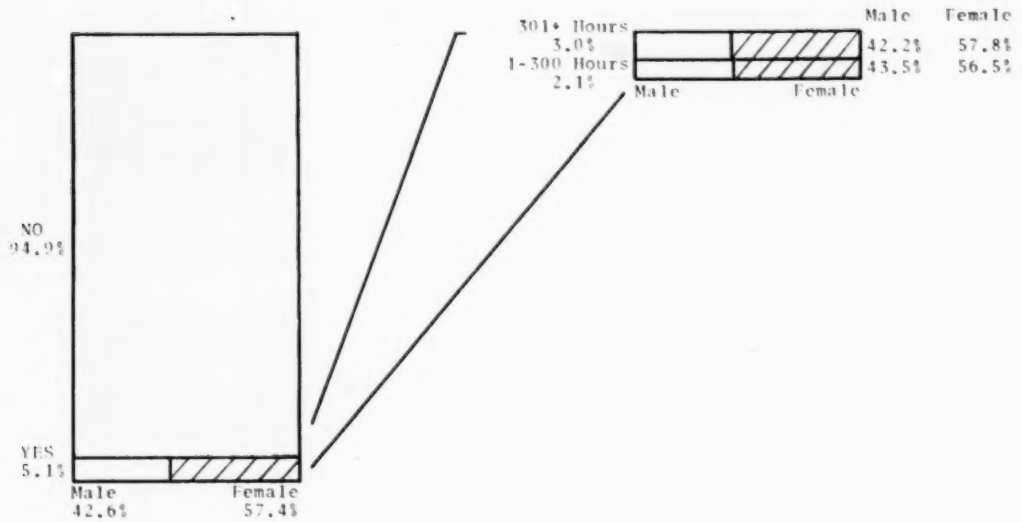
Service Occupations classes were selected by **5.1 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 746 students who completed one or more courses in the curriculum category of Service Occupations.

42.6 percent of these Service Occupations students were male, and 57.4 percent were female. Of these students surveyed, 75.2 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Child Care, Food Services, Personal Services, and Protective Service.

Of the 746 Service Occupations students, 247 had from 1 to 200 hours of courses, 278 students had courses totaling 201 to 400 hours; and 221 had 401 or more hours of course work. The total percentage of students who had selected any Service Occupations courses increased 1.5 over the Class of 1988 study.

PARTICIPATION IN SERVICE OCCUPATIONS

Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 SERVICE OCCUPATIONS STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	54.7	64.0	59.7	54.1	63.8	59.7
Return Incomplete	16.6	12.2	18.6	18.2	13.6	15.5
No Return Received	28.7	23.7	21.7	27.7	22.7	24.8
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(247)	(278)	(221)	(318)	(428)	(746)

CLASS OF 1989 SERVICE OCCUPATIONS STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	13.5	11.7	15.7	12.4	14.3	13.5
Community College	11.0	14.3	11.4	10.0	14.0	12.4
4-year College or University	21.3	14.3	19.9	15.2	20.2	18.2
Apprenticeship	0.6	1.0	0.0	1.4	0.0	0.6
Other Education	2.6	3.6	1.2	3.8	1.6	2.5
EMPLOYMENT						
Paid Employment	68.4	69.9	77.1	69.5	73.3	71.8
Homemaker	2.6	4.1	0.6	0.0	4.2	2.5
Military	4.5	4.1	3.6	8.6	1.0	4.1
Unemployed	19.4	12.2	9.6	12.4	14.3	13.5
OTHER						
Other Activity	3.2	3.1	1.8	1.4	3.6	2.7
Total Responses	147.1 (228)	138.3 (271)	141.0 (234)	134.8 (283)	146.6 (450)	141.8 (733)
Total Reporting Activity	100.0 (155)	100.0 (196)	100.0 (166)	100.0 (210)	100.0 (307)	100.0 (517)

CLASS OF 1989 SERVICE OCCUPATIONS STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	40.3	43.8	44.0	44.3	41.8	42.8
Paid Employment and Vocational School	7.1	9.3	10.8	7.1	10.5	9.1
Paid Employment and Community College	6.5	9.8	9.6	6.7	10.2	8.8
Paid Employment and College or University	10.4	5.2	10.8	7.6	9.2	8.6
Vocational School (only)	4.5	2.1	3.0	3.8	2.6	3.1
Community College (only)	0.6	1.5	0.6	1.9	0.3	1.0
4-year College or University (only)	2.6	5.2	4.8	3.8	4.6	4.3
Education and Seeking Employment	14.3	5.7	6.6	6.2	10.2	8.6
Unemployed (only)	2.6	4.1	2.4	4.3	2.3	3.1
Activities Other Than The Above	11.0	13.4	7.2	14.3	8.2	10.7
Total Reporting Activity	100.0 (154)	100.0 (194)	100.0 (166)	100.0 (210)	100.0 (304)	100.0 (514)

CLASS OF 1989 SERVICE OCCUPATIONS STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	84.5	80.0	82.9	84.8	81.1	82.4
Part-Time	15.5	20.0	17.1	15.2	18.9	17.6
Total Reporting Status	100.0 (71)	100.0 (80)	100.0 (76)	100.0 (79)	100.0 (148)	100.0 (227)

CLASS OF 1989 SERVICE OCCUPATIONS STUDENTS PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	15.6	12.0	15.2	17.9	12.3	14.1
State Universities	10.9	6.7	0.0	4.5	6.5	5.9
Area Vocational-Technical Institutes	17.2	25.3	25.8	31.3	18.8	22.9
Community College	23.4	28.0	22.7	19.4	27.5	24.9
Private Vocational Schools (including health related)	7.8	12.0	9.1	9.0	10.1	9.8
Private Jr. Colleges Liberal Arts Colleges	3.1	2.7	7.6	4.5	4.3	4.4
Institutions Outside Minnesota	21.9	13.3	18.2	11.9	20.3	17.6
Schools Not Reported	0.0	0.0	1.5	1.5	0.0	0.5
Total Reporting Schools	100.0 (64)	100.0 (75)	100.0 (66)	100.0 (67)	100.0 (138)	100.0 (205)

CLASS OF 1989 SERVICE OCCUPATIONS STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	70.8	71.6	61.3	73.9	64.1	68.0
Part-Time	29.2	28.4	38.7	26.1	35.9	32.0
Total Reporting Employed Status	100.0 (106)	100.0 (134)	100.0 (119)	100.0 (142)	100.0 (217)	100.0 (359)

CLASS OF 1989 SERVICE OCCUPATIONS STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.0	0.0	0.0	0.0	0.0	0.0
$3.00 - $3.99 per hour	11.3	13.6	11.1	7.9	14.2	12.1
$4.00 - $4.99 per hour	32.4	27.2	27.8	19.7	33.8	29.0
$5.00 - $5.99 per hour	22.5	23.5	26.4	25.0	23.6	24.1
$6.00 - $6.99 per hour	9.9	17.3	8.3	13.2	11.5	12.1
$7.00 per hour or more	23.9	18.5	26.4	34.2	16.9	22.8
Total Reporting Wages	100.0 (71)	100.0 (81)	100.0 (72)	100.0 (76)	100.0 (148)	100.0 (224)

CLASS OF 1989 SERVICE OCCUPATIONS STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	1.9	1.6	2.6	4.5	0.5	2.0
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	2.9	4.7	3.5	9.0	0.5	3.7
Manufacturing	12.5	10.9	8.7	16.5	7.0	10.6
Transportation, Communications, and Other Public Utilities	1.0	0.8	1.7	2.3	0.5	1.1
Wholesale and Retail Trade	36.5	36.4	36.5	27.1	42.3	36.5
Finance, Insurance, and Real Estate	4.8	1.6	3.5	0.8	4.7	3.2
Business and Repair Services	5.8	9.3	9.6	13.5	5.1	8.3
Personal Services	8.7	14.0	8.7	9.8	11.2	10.6
Entertainment and Recreation Services	5.8	2.3	2.6	2.3	4.2	3.4
Professional and Related Services	13.5	14.0	15.7	4.5	20.5	14.4
Public Administration	1.0	0.0	0.0	0.0	0.5	0.3
Industry Not Reported	5.8	4.7	7.0	9.8	3.3	5.7
Total Reporting Activity	100.0 (104)	100.0 (129)	100.0 (115)	100.0 (133)	100.0 (215)	100.0 (348)

CLASS OF 1989 SERVICE OCCUPATIONS STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	2.9	5.2	4.2	4.3	4.1	4.2
Technologists and Technicians Including Health	0.0	0.7	0.0	0.0	0.5	0.3
Marketing and Sales	27.9	24.6	20.3	14.5	30.3	24.2
Clerical	16.3	19.4	18.6	7.2	25.2	18.3
Service	26.0	29.1	31.4	25.4	31.2	28.9
Farming, Forestry, and Fishing	1.9	0.0	1.7	2.2	0.5	1.1
Construction and Extractive	1.9	6.0	1.7	8.7	0.0	3.4
Transportation and Material Moving	1.9	1.5	2.5	4.3	0.5	2.0
Mechanics and Repairers	2.9	2.2	3.4	6.5	0.5	2.8
Production	11.5	5.2	1.7	8.0	4.6	5.9
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	6.7	6.0	14.4	18.8	2.8	9.0
Total Reporting Occupations	100.0 (104)	100.0 (134)	100.0 (118)	100.0 (138)	100.0 (218)	100.0 (356)

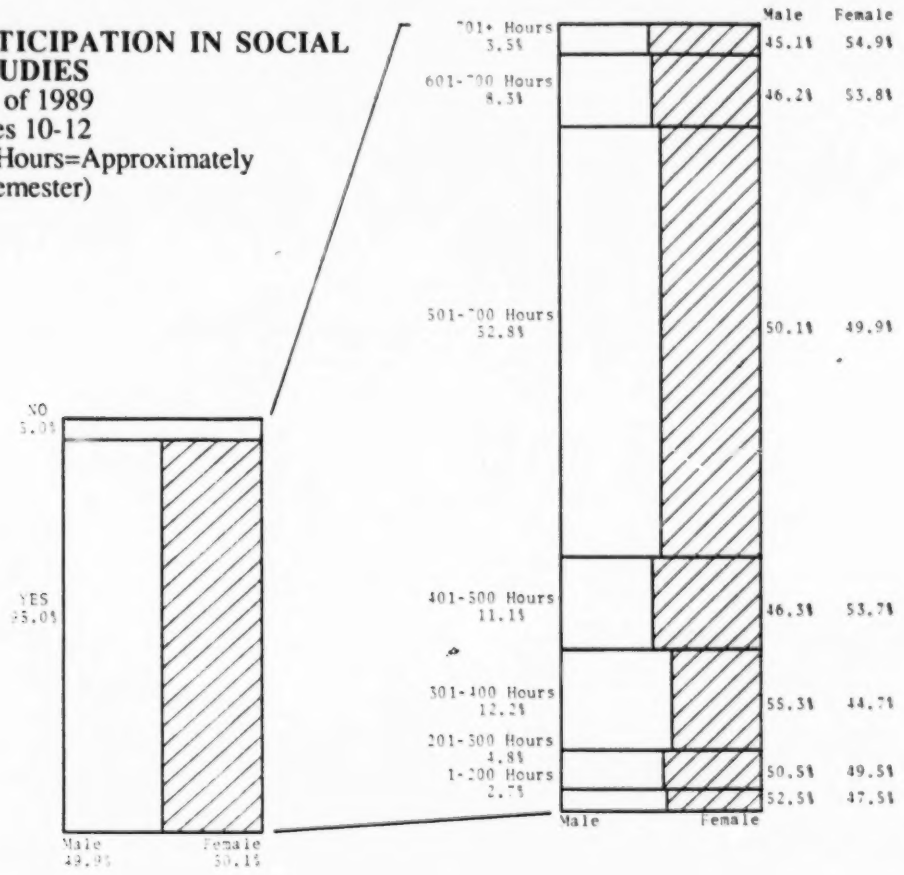
CLASS OF 1989 SOCIAL STUDIES STUDENTS

Social Studies classes were selected by **ninety-five percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 13,906 students who completed one or more courses in the curriculum category of Social Studies.

49.9 percent of these Social Studies students were male, and 50.1 percent were female. Of these students surveyed, 77.7 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: American Government, Economics, General Psychology, and Modern History.

Of the 13,906 Social Studies students, 398 had from 1 to 200 hours of courses; 2,486 students had courses totaling 201 to 400 hours; and 11,022 had 401 or more hours of course work. The total percentage of students who had selected any Social Studies courses decreased 3.3 from the Class of 1988 study.

PARTICIPATION IN SOCIAL STUDIES
Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 SOCIAL STUDIES STUDENTS
PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	42.0	62.4	69.6	64.1	71.0	67.5
Return Incomplete	9.0	9.6	10.4	12.0	8.4	10.2
No Return Received	49.0	28.0	20.0	23.9	20.6	22.3
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(398)	(2486)	(11022)	(6938)	(6968)	(13906)

CLASS OF 1989 SOCIAL STUDIES STUDENTS
PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	11.8	10.7	9.6	9.8	9.8	9.8
Community College	7.6	12.6	12.6	12.3	12.8	12.6
4-year College or University	18.2	40.9	47.6	42.0	49.9	46.0
Apprenticeship	0.6	0.3	0.5	0.6	0.3	0.4
Other Education	5.9	2.4	1.7	1.7	2.1	1.9
EMPLOYMENT						
Paid Employment	53.5	58.8	56.3	54.0	59.1	56.6
Homemaker	1.8	1.3	0.8	0.1	1.6	0.9
Military	2.9	4.6	4.3	7.6	1.2	4.3
Unemployed	22.9	9.9	11.9	11.8	11.8	11.8
OTHER						
Other Activity	7.1	3.9	3.0	3.2	3.3	3.2
Total Responses	132.4 (225)	145.4 (2442)	148.2 (12931)	143.1 (7384)	151.7 (8214)	147.5 (15598)
Total Reporting Activity	100.0 (170)	100.0 (1679)	100.0 (8724)	100.0 (5159)	100.0 (5414)	100.0 (10573)

CLASS OF 1989 SOCIAL STUDIES STUDENTS
PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	40.2	24.6	21.3	24.0	20.4	22.2
Paid Employment and Vocational School	4.1	7.5	5.7	5.9	6.0	6.0
Paid Employment and Community College	2.4	8.2	8.7	7.5	9.4	8.5
Paid Employment and College or University	4.1	16.7	19.4	15.1	22.2	18.7
Vocational School (only)	4.7	2.4	2.8	2.8	2.8	2.8
Community College (only)	1.8	2.6	2.6	3.2	2.0	2.6
4-year College or University (only)	4.1	17.7	19.3	18.7	18.9	18.8
Education and Seeking Employment	16.0	7.0	9.8	9.3	9.5	9.4
Unemployed (only)	5.9	2.3	1.5	1.8	1.7	1.7
Activities Other Than The Above	16.6	11.0	9.0	11.8	7.1	9.4
Total Reporting Activity	100.0 (169)	100.0 (1675)	100.0 (8701)	100.0 (5147)	100.0 (5398)	100.0 (10545)

CLASS OF 1989 SOCIAL STUDIES STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	80.6	82.9	84.6	86.4	82.6	84.3
Part-Time	19.4	17.1	15.4	13.6	17.4	15.7
Total Reporting Status	100.0 (72)	100.0 (1028)	100.0 (5766)	100.0 (3114)	100.0 (3752)	100.0 (6866)

CLASS OF 1989 SOCIAL STUDIES STUDENTS
PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	9.1	15.2	16.4	17.6	14.9	16.2
State Universities	9.1	12.7	14.5	11.9	16.1	14.2
Area Vocational-Technical Institutes	27.3	14.7	10.9	13.5	10.0	11.6
Community College	20.5	14.8	15.9	16.3	15.4	15.8
Private Vocational Schools (including health related)	11.4	5.1	5.5	4.5	6.4	5.5
Private Jr. Colleges Liberal Arts Colleges	6.8	14.7	14.1	13.4	14.8	14.2
Institutions Outside Minnesota	15.9	22.5	21.9	22.1	21.9	22.0
Schools Not Reported	0.0	0.2	0.7	0.7	0.6	0.6
Total Reporting Schools	100.0 (44)	100.0 (843)	100.0 (5179)	100.0 (2731)	100.0 (3335)	100.0 (6066)

CLASS OF 1989 SOCIAL STUDIES STUDENTS
PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	67.0	47.8	46.2	54.6	40.1	46.8
Part-Time	33.0	52.2	53.8	45.4	59.9	53.2
Total Reporting Employed Status	100.0 (91)	100.0 (982)	100.0 (4766)	100.0 (2701)	100.0 (3138)	100.0 (5839)

CLASS OF 1989 SOCIAL STUDIES STUDENTS
PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	1.8	0.4	0.2	0.3	0.3	0.3
$3.00 - $3.99 per hour	3.6	14.0	13.5	7.6	17.9	13.5
$4.00 - $4.99 per hour	21.4	29.9	33.2	25.7	37.5	32.5
$5.00 - $5.99 per hour	25.0	23.6	26.5	28.6	24.1	26.0
$6.00 - $6.99 per hour	17.9	12.8	12.2	15.5	10.1	12.4
$7.00 per hour or more	30.4	19.2	14.3	22.4	10.1	15.4
Total Reporting Wages	100.0 (56)	100.0 (719)	100.0 (3417)	100.0 (1792)	100.0 (2400)	100.0 (4192)

CLASS OF 1989 SOCIAL STUDIES STUDENTS
PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	2.4	2.8	2.4	4.8	0.4	2.5
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	4.8	2.6	2.5	5.2	0.2	2.5
Manufacturing	14.3	15.3	10.5	15.6	7.7	11.4
Transportation, Communications, and Other Public Utilities	1.2	3.8	2.4	4.1	1.4	2.6
Wholesale and Retail Trade	34.5	34.5	40.9	37.3	41.8	39.7
Finance, Insurance, and Real Estate	4.8	1.5	2.1	0.8	3.0	2.0
Business and Repair Services	2.4	5.0	5.0	6.7	3.4	5.0
Personal Services	9.5	6.7	5.8	4.3	7.4	6.0
Entertainment and Recreation Services	4.8	4.7	4.4	4.6	4.4	4.5
Professional and Related Services	15.5	19.1	19.8	11.8	26.3	19.6
Public Administration	2.4	0.2	1.1	1.1	0.9	1.0
Industry Not Reported	3.6	3.8	3.1	3.5	3.1	3.3
Total Reporting Activity	100.0 (84)	100.0 (927)	100.0 (4604)	100.0 (2581)	100.0 (3034)	100.0 (5615)

CLASS OF 1989 SOCIAL STUDIES STUDENTS
PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	4.6	6.6	4.0	5.0	3.9	4.4
Technologists and Technicians Including Health	0.0	0.7	1.2	1.5	0.8	1.1
Marketing and Sales	11.5	19.3	24.2	16.5	29.0	23.2
Clerical	20.7	15.7	18.3	8.4	26.2	18.0
Service	29.9	28.2	28.4	23.1	32.9	28.4
Farming, Forestry, and Fishing	2.3	2.9	2.2	4.3	0.6	2.3
Construction and Extractive	3.4	3.2	2.2	5.0	0.1	2.4
Transportation and Material Moving	2.3	3.2	1.9	4.5	0.2	2.2
Mechanics and Repairers	1.1	2.9	1.8	4.1	0.2	2.0
Production	5.7	5.5	5.9	8.8	3.2	5.8
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	18.4	11.9	9.9	18.9	3.0	10.4
Total Reporting Occupations	100.0 (87)	100.0 (916)	100.0 (4623)	100.0 (2602)	100.0 (3024)	100.0 (5626)

CLASS OF 1989 TRADE AND INDUSTRIAL EDUCATION STUDENTS

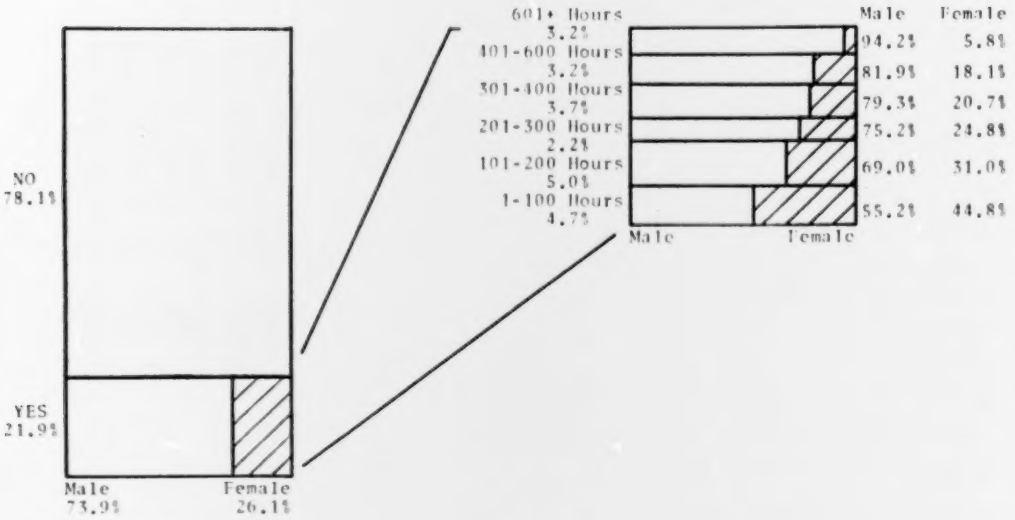
Trade and Industrial classes were selected by **21.9 percent** of the 14,636 students who participated in the follow-up study. The data reported in this section include the 3,206 students who completed one or more courses in the curriculum category of Trade and Industrial.

73.9 percent of these Trade and Industrial students were male, and 26.1 percent were female. Of these students surveyed, 67.6 percent responded with a completed, or substantially completed, questionnaire. Courses in this curriculum category include, but are not limited to: Graphics, Machine Shop, Automotive Mechanics, Carpentry, and Drafting.

Of the 3,206 Trade and Industrial students, 1,418 had from 1 to 200 hours of courses; 866 students had courses totaling 201 to 400 hours; and 922 had 401 or more hours of course work. The total percentage of students who had selected any Trade and Industrial courses increased 4.7 over the Class of 1988 study.

PARTICIPATION IN TRADE AND INDUSTRIAL EDUCATION

Class of 1989
Grades 10-12
(100 Hours=Approximately 1 Semester)



CLASS OF 1989 TRADE AND INDUSTRIAL EDUCATION STUDENTS PERCENT QUESTIONNAIRE RESPONSE

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Return Complete	56.5	55.2	58.5	55.9	59.1	56.7
Return Incomplete	8.3	11.9	13.9	11.9	8.0	10.9
No Return Received	35.2	32.9	27.7	32.2	32.9	32.4
Total Assessed	100.0	100.0	100.0	100.0	100.0	100.0
	(1418)	(866)	(922)	(2370)	(836)	(3206)

CLASS OF 1989 TRADE AND INDUSTRIAL EDUCATION STUDENTS PERCENT PRESENT ACTIVITY

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
EDUCATIONAL						
Vocational School	10.9	17.1	21.8	17.2	11.9	15.8
Community College	11.1	13.2	10.2	10.9	12.8	11.4
4-year College or University	36.9	16.6	10.3	21.1	30.1	23.4
Apprenticeship	0.6	0.2	1.7	1.0	0.4	0.8
Other Education	2.0	2.0	1.9	1.9	2.2	2.0
EMPLOYMENT						
Paid Employment	61.0	65.2	68.4	63.2	67.5	64.4
Homemaker	0.4	0.5	0.5	0.1	1.5	0.5
Military	6.7	7.7	8.8	9.6	1.7	7.6
Unemployed	7.6	7.7	7.5	7.5	7.9	7.6
OTHER						
Other Activity	4.8	3.4	4.1	3.5	6.1	4.2
Total Responses	141.9 (1280)	133.6 (748)	135.1 (863)	136.1 (2117)	142.0 (774)	137.6 (2891)
Total Reporting Activity	100.0 (902)	100.0 (560)	100.0 (639)	100.0 (1556)	100.0 (545)	100.0 (2101)

CLASS OF 1989 TRADE AND INDUSTRIAL EDUCATION STUDENTS PERCENT COMBINATIONS OF PRESENT ACTIVITIES

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Paid Employment (only)	27.5	37.2	41.0	35.0	32.0	34.2
Paid Employment and Vocational School	6.8	9.5	13.3	10.4	7.0	9.5
Paid Employment and Community College	8.2	9.3	6.9	7.3	10.5	8.1
Paid Employment and College or University	17.4	7.3	4.1	8.5	16.8	10.6
Vocational School (only)	2.4	5.5	5.8	4.6	3.3	4.3
Community College (only)	1.9	2.7	2.2	2.4	1.7	2.2
4-year College or University (only)	16.1	7.7	5.0	10.4	10.7	10.5
Education and Seeking Employment	4.6	3.8	3.9	4.2	3.9	4.2
Unemployed (only)	2.3	3.6	2.8	2.7	3.1	2.8
Activities Other Than The Above	12.7	13.4	15.0	14.5	11.0	13.6
Total Reporting Activity	100.0 (898)	100.0 (559)	100.0 (639)	100.0 (1553)	100.0 (543)	100.0 (2096)

CLASS OF 1989 TRADE AND INDUSTRIAL EDUCATION STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS ATTENDING POST-SECONDARY INSTITUTIONS

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	79.9	80.9	83.1	82.3	77.7	81.0
Part-Time	20.1	19.1	16.9	17.7	22.3	19.0
Total Reporting Status	100.0 (503)	100.0 (241)	100.0 (266)	100.0 (723)	100.0 (287)	100.0 (1010)

CLASS OF 1989 TRADE AND INDUSTRIAL EDUCATION STUDENTS PERCENT POST-SECONDARY INSTITUTIONS ATTENDED BY INDIVIDUALS AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
University of Minnesota (all campuses)	18.5	12.6	6.8	13.6	15.6	14.2
State Universities	8.4	5.6	5.1	6.6	7.6	6.9
Area Vocational-Technical Institutes	12.6	32.7	43.2	28.7	16.3	25.0
Community College	18.3	26.2	21.4	21.0	20.7	20.9
Private Vocational Schools (including health related)	6.9	6.5	12.4	8.2	8.3	8.2
Private Jr. Colleges Liberal Arts Colleges	10.5	3.3	3.0	6.0	9.1	6.9
Institutions Outside Minnesota	24.4	12.1	6.8	15.0	22.1	17.1
Schools Not Reported	0.4	0.9	1.3	0.9	0.4	0.8
Total Reporting Schools	100.0 (476)	100.0 (214)	100.0 (234)	100.0 (648)	100.0 (276)	100.0 (924)

CLASS OF 1989 TRADE AND INDUSTRIAL EDUCATION STUDENTS PERCENT TIME STATUS FOR INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Full-Time	53.1	63.7	69.0	64.1	53.1	61.0
Part-Time	46.9	36.3	31.0	35.9	46.9	39.0
Total Reporting Employed Status	100.0 (546)	100.0 (353)	100.0 (420)	100.0 (950)	100.0 (369)	100.0 (1319)

CLASS OF 1989 TRADE AND INDUSTRIAL EDUCATION STUDENTS PERCENT WAGES OF INDIVIDUALS EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Below $3.00 per hour	0.0	0.0	0.7	0.2	0.3	0.2
$3.00 - $3.99 per hour	10.1	5.7	6.3	5.0	14.3	7.8
$4.00 - $4.99 per hour	25.4	20.2	19.7	19.6	28.6	22.4
$5.00 - $5.99 per hour	27.5	29.8	26.0	27.5	28.2	27.7
$6.00 - $6.99 per hour	18.4	17.9	19.0	20.1	14.6	18.4
$7.00 per hour or more	18.6	26.3	28.3	27.6	13.9	23.4
Total Reporting Wages	100.0 (425)	100.0 (262)	100.0 (269)	100.0 (662)	100.0 (294)	100.0 (956)

CLASS OF 1989 TRADE AND INDUSTRIAL EDUCATION STUDENTS PERCENT INDUSTRIES IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Agriculture, Forestry and Fisheries	1.7	4.2	4.4	4.3	0.5	3.2
Mining	0.0	0.0	0.0	0.0	0.0	0.0
Construction	3.1	5.1	7.1	6.9	0.0	4.9
Manufacturing	9.6	16.0	23.1	19.0	7.0	15.6
Transportation, Communications, and Other Public Utilities	3.7	5.7	3.4	4.9	2.2	4.1
Wholesale and Retail Trade	45.0	36.7	33.1	37.8	42.3	39.1
Finance, Insurance, and Real Estate	2.2	1.8	0.5	0.7	3.8	1.6
Business and Repair Services	4.6	6.0	10.2	7.9	4.1	6.8
Personal Services	8.5	6.6	4.4	5.0	10.8	6.7
Entertainment and Recreation Services	2.2	2.7	2.4	2.4	2.4	2.4
Professional and Related Services	15.5	11.1	6.6	6.6	23.8	11.5
Public Administration	1.5	0.0	0.7	1.0	0.5	0.9
Industry Not Reported	2.4	3.9	4.1	3.7	2.4	3.3
Total Reporting Activity	100.0 (542)	100.0 (332)	100.0 (411)	100.0 (916)	100.0 (369)	100.0 (1285)

CLASS OF 1989 TRADE AND INDUSTRIAL EDUCATION STUDENTS PERCENT OCCUPATIONS IN WHICH INDIVIDUALS ARE EMPLOYED AT PRESENT

Status	1-200 hours	201-400 hours	401 or more hours	Male	Female	Total
Administrative, Engineering, Scientific, Teaching, and Related Occupations, Including Creative Artists	3.7	4.4	5.6	4.6	4.3	4.5
Technologists and Technicians Including Health	0.4	1.2	0.5	0.8	0.3	0.6
Marketing and Sales	25.6	16.2	11.4	14.9	27.9	18.6
Clerical	15.3	9.7	7.0	5.5	25.2	11.2
Service	28.9	25.1	16.7	20.0	34.0	24.0
Farming, Forestry, and Fishing	1.1	3.8	4.4	3.8	0.5	2.9
Construction and Extractive	3.3	4.1	8.0	7.0	0.0	5.0
Transportation and Material Moving	2.8	3.2	3.6	4.4	0.0	3.2
Mechanics and Repairers	2.8	3.2	10.2	7.4	0.0	5.3
Production	5.3	10.3	12.8	11.4	3.2	9.0
Material Handlers, Equipment Cleaners, Laborers, and Miscellaneous Occupations	10.9	18.6	19.9	20.3	4.6	15.8
Total Reporting Occupations	100.0 (543)	100.0 (339)	100.0 (413)	100.0 (922)	100.0 (373)	100.0 (1295)

Chapter 5:

EMPLOYER FOLLOW-UP CLASS OF 1989

One of the components of the system is the Employer Follow-up. It is felt that employers of recent high school leavers can provide school decisionmakers with valuable information for consideration in future program planning and development.

An Employer Follow-up Form was mailed to the employer of any respondent who indicated employment and provided sufficient information to contact the employer. The responses of 853 employers are represented.

	Very Good	Good	Average	Poor	Very Poor
1. Rating of student's technical knowledge	27.9%	42.8%	22.2%	5.2%	1.8%
2. Rating of student's work attitude	41.5%	34.7%	15.2%	5.5%	3.0%
3. Rating of student's work quality	36.7%	38.7%	17.7%	4.3%	2.5%
4. Overall rating of education received by this student as it pertains to the requirements of the job	27.6%	46.3%	20.3%	3.9%	1.9%

5. Rating of student's preparation in relation to other employees doing similar work?	No basis for comparison	14.3%
	Better prepared	38.9%
	Prepared same	41.8%
	Less prepared	5.0%

Student has demonstrated-----	Strongly Agree	Agree	No Opportunity to Observe	Disagree	Strongly Disagree
6. the ability and willingness to learn new skills and concepts	36.2%	49.8%	2.9%	7.8%	3.4%
7. adaptability to changing job situations	30.6%	51.8%	6.4%	8.5%	2.7%
8. the ability to offer constructive dissent in a non-hostile manner	23.6%	45.4%	18.8%	9.3%	3.0%
9. the ability and willingness to follow verbal and written instructions	32.7%	52.8%	2.6%	8.7%	3.2%
10. the ability to keep accurate records	21.2%	45.5%	25.6%	5.7%	1.9%
11. the ability to communicate effectively	26.1%	58.9%	1.5%	10.9%	2.6%
12. successful interpersonal relationships with co-workers and supervisors	32.1%	51.8%	2.7%	9.6%	3.7%

13. an understanding of the rights and responsibilities of employees and employers	25.4%	58.7%	5.6%	7.6%	2.7%
14. appropriate computation skills	24.0%	50.1%	15.4%	8.1%	2.3%

15. Would you consider hiring others from this school?	Yes	98.7%	
	No	1.3%	

APPENDIX A:

Minnesota Secondary Schools Participating in the Follow-up Project in 1989

Aitkin
Albert Lea
Annandale
Arlington-Green Isle
Bertha-Hewitt
Blue Earth-Frost-Winnebago
Breckenridge
Brooklyn Center
Browerville
Buffalo
Buffalo Lake
Byron
Caldeonia
Cambridge
Centennial
Chisago Lakes
Cold Spring (Rocori H.S.)
Duluth (Central H.S.)
Duluth (Denfeld H.S.)
Duluth (East H.S.)
Eagle Valley
Elbow Lake (West Central H.S.)
Elk River
Evansville
Farmington
Foley
Fridley
Gibbon-Fairfax-Winthrop
Goodhue
Grygla
Harmony
Hastings
Hill City
Hinckley
Kenyon
Koochiching (Falls H.S.)
Lake Benton
Lake City (Lincoln H.S.)
LeRoy-Ostrander
LeSueur
Mahtomedi
Maple Lake
Milan
Minneapolis (Edison H.S.)
Minneapolis (Henry H.S.)
Minneapolis (North H.S.)
Minneapolis (Roosevelt H.S.)
Minneapolis (South H.S.)
Minneapolis (Southwest H.S.)
Minneapolis (Washburn H.S.)
Moorhead
Mounds View (Irondale H.S.)
Mounds View (Mounds View H.S.)
Mountain Lake
Nevis
Newfolden (Marshall Cty. Central H.S.)
No. St. Paul (North H.S.)
No. St. Paul (Tartan H.S.)
North Branch
Norwood-Central
Onamia
Orono
Ortonville
Pierz (Healy H.S.)
Pillager
Pipestone
Plummer (Pershing H.S.)
Red Wing (Central H.S.)
Roseville
Royalton
Sartell
Sebeka
Sioux Valley-Round Lake-Brewster
Sleepy Eye
So. Washington Cty. (Park H.S.)
So. Washington Cty. (Woodbury H.S.)
Spring Lake Park
St. Anthony Village
St. Louis Cty. (Albrook H.S.)
St. Louis Cty. (Cherry H.S.)
St. Louis Cty. (Cook H.S.)
St. Louis Cty. (Cotton H.S.)
St. Louis Cty. (Orr H.S.)
St. Louis Cty. (Toivola-Meadowlands H.S.)
St. Louis Park
St. Paul (Sample) (Como Park H.S.)
St. Paul (Sample) (Central H.S.)
St. Paul (Sample) (Harding H.S.)
St. Paul (Sample) (Highland Park H.S.)
St. Paul (Sample) (Humboldt H.S.)
St. Paul (Sample) (Johnson H.S.)
Thief River Falls (Lincoln H.S.)
Verndale
Waseca
Watertown-Mayer
Wheaton
Win-E-Mac

APPENDIX B
SPECIFIC INDUSTRIES
WITHIN CATEGORIES USED IN REPORTS

Agriculture
- Crop production
- Livestock production

Horticulture

Forestry

Mining

Construction

Manufacturing Non-durable Goods
- Food products
- Textile products
- Apparel
- Paper products
- Printing
- Chemicals
- Petroleum
- Rubber products
- Plastic
- Leather

Manufacturing Durable Goods
- Lumber
- Furniture
- Stone, clay, glass, concrete products
- Metal products
- Machinery production
- Vehicle production
- Scientific equipment
- Photographic equipment
- Toys
- Sporting goods

Transportation

Communications

Public Utilities

Wholesale Trade

Retail Trade

Finance

Insurance

Real Estate

Business Services
- Advertising
- Building services
- Personnel supply
- Management and consulting
- Protective services

Repair Services

Personal Services
- Private household services
- Hotels, lodging
- Laundry
- Beauty, barber shops
- Funeral services
- Shoe repairs

Entertainment

Recreational Services

Professional Services
- Doctors' offices
- Dentists
- Hospitals
- Nursing care
- Legal services
- Schools
- Libraries
- Job services
- Childcare
- Museums, zoos
- Religious
- Architectural, engineering
- Accounting

Public Administration

Industry Not Reported

APPENDIX C
SPECIFIC OCCUPATIONS
WITHIN CATEGORIES USED IN REPORTS

Homemaker

Executives, Administrators, Managers
- Legislators
- Business owners
- Chief executives
- Postmasters
- Funeral directors
- Personnel specialists
- Purchasing agents
- Construction inspectors
- Architects

Accountants

Engineers

Scientists
- Computer analyists
- Actuaries
- Mathematicians

Health Professionals
- Doctors
- Dentists
- Veterenarians
- Nurses
- Pharmacists
- Therapists

Educators, Teachers
- Counselors
- Librarians
- Archivists, curators

Artists, Writers, Performers
- Designers
- Writers
- Theater
- Photographers
- Musicians
- Dancers
- Announcers
- Athletes

Other Professionals
- Economists
- Psychologists
- Social scientists
- Clergy
- Social workers
- Recreation workers
- Lawyers
- Judges

Health Technicians
- Lab technicians
- Hygienists
- Practical nurses

Other Technicians
- Electronic technicians
- Science technicians
- Pilots
- Air traffic controllers
- Computer programmers
- Legal assistants

Sales Workers, Clothing

Sales Workers, Food

Other Sales Occupations
- Other sales
- Stock broker
- Advertising
- Sales representatives
- Door-to-door
- Demonstrators

Cashiers

Secretaries, Clerks, Typists
- Interviewers
- Travel agents
- Receptionists

Computer Equipment Operators

Office Machine Operators

Postal Workers

Teacher Aides

Other Administrative Support Workers
- Bookkeepers
- Telephone operators
- Office supervisors
- Dispatchers
- Meter readers
- Adjusters, examiners
- Bill collectors
- Bank tellers

Private Household Service Workers
- Laundry
- Private childcare

Protective Service
- Law enforcement
- Fire protection

Protective Service, Cont.
Guards
Corrections
Waiters/Waitresses
Food Preparation
Bartenders
Cooks
Kitchen workers
Health Service
Dental assistants
Nursing aides
Building Cleaning and Care
Maids
Janitors
Child Care-Public Daycare
Personal Service
Barbers, hairdressers
Amusement, recreation attendants
Guides
Ushers
Airline attendants
Baggage handlers

Agricultural Workers
Groundskeepers
Agricultural product inspectors
Forestry
Fishery

Mechanics and Repairers
Installers
Millwrights

Construction Trades
Bricklayers, block
Carpeters, tilers
Carpenters
Drywall
Electrical
Painters, hangers
Plasterers
Plumbers
Insulation
Paving
Roofing
Structural metal
Mining Occupations
Drillers, oil
Explosive

Precision Crafts
Tool and die
Machinists
Boilermakers
Grinders
Patternmakers

Precision Crafts, Cont.
Jewelers
Engravers
Sheet metal
Cabinetmakers
Furniture Workers
Tailors
Upholsterers
Shoe repairers
Optical goods workers
Dental lab
Meat cutters
Bakers
Inspectors
Utility plant operators
Machine Operators
Lathe operators
Drilling
Grinding
Fabricating machines
Molding
Metal plating
Woodworking machines
Printers
Knitting machines
Extruding machines
Projectionists
Mixing machines
Assemblers
Inspectors

Transportation Vehicle Operators
Truck drivers
Bus drivers
Taxi drivers
Parking lot attendants
Railroad equipment
Ship captains, hands
Material Moving Equipment Operators
Longshoremen
Hoist, crane operators
Excavators
Grader operators
Forklift operators

Laborers
Helpers
Construction laborers
Garbage collectors
Machine feeders
Service station
Vehicle washers
Stock Workers
Freight handlers
Material movers
Baggers

Occupation Not Reported

☐☐☐ ☐☐☐ ☐
Student District Bldg

BASE DATA CODING FORM

1. Student Name: _____ 2. Phone No. _____

3. Student Address: _____

4. Parent's Name: _____ 5. Phone No. _____

6. Parent's Address: _____

7. Other Contact (i.e., relative or friend): _____ 8. Phone No. _____

Class ___ ___

Sex ___

Local Test Percentile ___ ___

PSAT Percentile ___ ___

Class Rank ___ ___ ___

Exit Status ___

Handicap ___ ___

EDUCATIONAL PROGRAMS (Grades 10-12)

Vocational Program Areas in Bold Type/CAPS

___ **AGRICULTURE**
___ Art
___ Business
___ **DISTRIBUTIVE/MARKETING EDUCATION**
___ English Language Arts
___ Foreign Language
___ **HEALTH OCCUPATIONS**
___ Health, Physical Education, Rec.
___ **HOME ECONOMICS**
___ Industrial Arts/Technology
___ Mathematics
___ Music
___ Natural Sciences
___ **OFFICE OCCUPATIONS**
___ **SERVICE OCCUPATIONS**
___ Social Science/Studies
___ **TRADE AND INDUSTRIAL EDUCATION**
___ Other

VOCATIONAL MAJOR ___ ___

COMMUNITY-BASED VOCATIONAL PROGRAMS

___ Work Experience Disadvantaged
___ Work Experience Handicapped
___ OJT Cooperative/Internship Education

RACIAL/ETHNIC DECLARATION

___ Am. Indian/Alaskan Native
___ Asian or Pacific Islander
___ Black (not Hispanic origin)
___ Hispanic
___ White (not Hispanic origin)
___ Unspecified

SUB-GROUPS

___ 1 ___ 6
___ 2 ___ 7
___ 3 ___ 8
___ 4 ___ 9
___ 5 ___ 10

FILE NUMBER ___

EDIT NEEDS:

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Student ☐☐☐ District ☐☐☐ Bldg ☐

NAME _____ PHONE NO. _____

MAILING ADDRESS _____

CAREER PLANNING SURVEY

PLEASE READ CAREFULLY: This survey asks questions about you and your family, your plans after leaving high school, and your high school classes. Your answers to this survey will only be available to local school personnel. No information will be released which will allow the identification of your individual responses. Your responses will be combined with the responses of your classmates to help evaluate and improve the educational programs at your school. You are not required to provide the information requested. If you **do not** want to answer a question, just leave it blank. Your answers are voluntary - there is no penalty for not answering any or all questions. By completing the questionnaire, you are giving permission to use this data. If you have any questions, please ask the person who is administering this questionnaire.

POST HIGH SCHOOL PLANS

Please mark the major activities which you plan to be involved in one year after leaving high school. You may respond to both the employment and education sections. Please mark the areas that apply to you.

EDUCATION PLANS

1. **Next Spring** I will be attending: **(Check one answer)**
   - _____ Vocational/Technical School
   - _____ Community College
   - _____ 4-year College or University
   - _____ Apprenticeship Training
   - _____ Military Training
   - _____ Other Education
   - _____ No Education Plans For Next Year (SKIP TO ITEM NO. 7)

2. I plan to attend school:
   _____ Part-Time _____ Full-Time

3. The school I plan to attend is _____

4. My major area of study will be _____

5. I will need help getting money for my schooling:
   _____ Yes _____ No (SKIP TO ITEM NO. 7)

6. The major source of money for my schooling will come from: **(Check only one answer)**
   - _____ Loans
   - _____ Scholarships
   - _____ Parents
   - _____ Part-Time Employment
   - _____ Savings
   - _____ Other, Please specify: _____

EMPLOYMENT PLANS

7. **Next Spring** I plan to be: **(Check one answer)**
   - _____ Employed
   - _____ In the Military (Full-Time)
   - _____ A Homemaker (Full or Part-Time)
   - _____ Unemployed (Looking for Work)
   - _____ Other (Vacation, Travel, etc.)
   - _____ No Employment Plans

   IF EMPLOYED IS NOT CHECKED, SKIP TO ITEM NO. 11

8. I plan to work:
   _____ Part-Time _____ Full-Time

9. My job title **next spring** probably will be: (Example: carpenter, secretary, truck driver, etc.)

   _____

10. The type of company I plan to work for is: (Example: construction, manufacturing, grocery store, transportation, etc.)

    _____

11. **How sure are you about your plans as listed on the previous page: (Check one answer)**

_____ Very Sure _____ Fairly Sure _____ A Little Unsure _____ Very Unsure

HIGH SCHOOL PROGRAM

12. The classes I selected in high school primarily prepared me for: **(Check only one)**

_____ College
_____ Vocational/Technical School
_____ Employment
_____ Military
_____ Other, Please Specify _____

13. The person who most helped me decide which high school classes to take was: **(Check only one)**

_____ Parent
_____ Friend
_____ Counselor
_____ Teacher
_____ Principal/Administrator
_____ I did it myself
_____ Other, Please specify _____

15. If you could start your high school classes over, what would you prepare for: **(Check only one)**

_____ College
_____ Vocational/Technical School
_____ Employment
_____ Military
_____ Other, Please Specify _____

16. If you answered "no" to item no. 14, please indicate the reason for not being satisfied with your present high school classes: **(Check only one)**

_____ Classes Not Available
_____ Schedule Conflicts
_____ Discouraged by Others
_____ Classes Too Full
_____ Personal Goals Changed
_____ Lack of Time for Electives
_____ Other, Please Specify _____

14. I am satisfied with my choice of high school classes: **(Check only one)**

_____ Yes _____ No _____ Undecided

PARENTAL INFORMATION

17-18. Please check the status of your parents/guardians:

	Father	Mother
Living with the Family	_____	_____
Deceased	_____	_____
Separated from the Family	_____	_____

19-20. Please check the highest level of education achieved by your parents/guardians:

	Father	Mother
Some grade school or less	_____	_____
Completed eighth grade	_____	_____
Some high school	_____	_____
High school graduate	_____	_____
Business or trade school	_____	_____
Some college	_____	_____
College graduate	_____	_____
Post-graduate (MA, PhD, Law)	_____	_____

21. What is the occupation of your father?

_____

22. What is the occupation of your mother?

_____

THANK YOU FOR YOUR TIME AND ANSWERS

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District Bldg

Student

HIGH SCHOOL FOLLOW-UP QUESTIONNAIRE

PLEASE COMPLETE AND RETURN THE FORM BELOW.

1. Name _____ (_____)
   Last First Middle Initial Maiden

2. Address _____

   _____ Zip_____ Phone (____)_____

3. Recent History: For each time period column in the YEAR FOLLOWING HIGH SCHOOL, check (√) the activities in which you were involved. Check at **least** one activity for each column. Note that you may respond to **both** the employment and education sections. Mark as many as apply to you.

Activity	Time Periods After Leaving High School Sept.-Nov. (Fall Quarter)	Dec.-Feb. (Winter Quarter)	Mar.-May (Spring Quarter)
Education (Check all that apply):			
3.1 Vocational School	( )	( )	( )
3.2 Community College	( )	( )	( )
3.3 College or University	( )	( )	( )
3.4 Apprenticeship	( )	( )	( )
3.5 Other Education Specify _____	( )	( )	( )
Employment (Check all that apply):			
3.6 Paid Employment	( )	( )	( )
3.7 Homemaker Only	( )	( )	( )
3.8 Military (full time)	( )	( )	( )
3.9 Unemployed (looking for work)	( )	( )	( )
Other Activity (For example: ill, vacation, not seeking work, etc.)			
3.10 Specify _____	( )	( )	( )

If you marked here, complete no. 5 below.

If you marked here, complete no. 4 below.

4. **Spring Paid Employment Activity**
   - 4.1 Hours Per Week You Work:
     1. Less than 30 ( )
     2. 30 or more ( )
   - 4.2 Job Title: _____
   - 4.3 Job Duties: _____
   - 4.4 Relatedness To Your High School Vocational Training: My present job is (Mark only One)
     1. Closely Related ( )
     2. Somewhat Related ( )
     3. Not Related ( )
   - 4.5 Employer (Company or Business name. If self employed, write "Self.")
   - 4.6 Employer's Address _____

     _____ Zip _____
   - 4.7 Kind of Business (For example: Farming, Shoe Store):
   - 4.8 Supervisor's Name: _____
   - 4.9 Present Hourly Income: _____

5. **Spring Education Activity**
   - 5.1 Hours Per Week you Attend:
     1. 1 to 12 ( )
     2. 13 to 18 ( )
     3. 19 or more ( )
   - 5.2 School Name: _____
   - 5.3 School Address: _____
   - 5.4 Major Area or Program (For example: Auto Mechanic, Elementary Teaching)

6. Do you plan to graduate/complete this program?

Yes, within:	6.1 1 year	( )
	6.2 2 years	( )
	6.3 3 years	( )
	6.4 4 or more years	( )
No, reason:	6.5 Finances	( )
	6.6 Repeat of high school course work	( )
	6.7 Changed goals	( )
	6.8 Other	( )
	6.9 Undecided	( )

THANK YOU FOR YOUR HELP!
PLEASE RETURN YOUR COMPLETED QUESTIONNAIRE IN THE RETURN MAIL TODAY

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NAME OF FORMER STUDENT _____ ☐☐☐ Student ☐☐☐ District ☐ Bldg

EMPLOYER FOLLOW-UP FORM

NOTE: This report is authorized by law (20 USC 2312 and 20 USC 2391). While you are not required to respond to this survey, your cooperation is needed to insure that the results of this effort are comprehensive, reliable and timely. No student identifiers will be forwarded to the Federal government.

THE FEDERAL GOVERNMENT REQUIRES THE FOLLOWING FIVE QUESTIONS BE ASKED:

PREPAREDNESS FOR THE JOB

Please rate the above individual in the following items:

	Very Good	Good	Average	Poor	Very Poor
1. Technical knowledge/skills	___	___	___	___	___
2. Work attitude	___	___	___	___	___
3. Work quality	___	___	___	___	___
	(1)	(2)	(3)	(4)	(5)

OVERALL RATING

4. What is your overall rating of the education received by this individual as it relates to the requirements of his/her job?

Very Good	Good	Average	Poor	Very Poor
___	___	___	___	___
(1)	(2)	(3)	(4)	(5)

RELATIVE PREPARATION

5. How would you rate his/her preparation in relation to other employees doing similar work?
   (1)___ No basis for comparison
   (2)___ Individual is better prepared
   (3)___ Both are about the same
   (4)___ Individual is less prepared

YOUR RESPONSES TO THE FOLLOWING STATEMENTS ARE USEFUL IN PLANNING SCHOOL IMPROVEMENT:

This person has demonstrated:	Strongly Agree	Agree	No Opportunity To Observe	Disagree	Strongly Disagree
6. an ability and willingness to learn new skills and concepts	___	___	___	___	___
7. adaptability to changing job situations	___	___	___	___	___
8. the ability to offer constructive dissent in a non-hostile manner	___	___	___	___	___
9. the ability and willingness to follow verbal and written instructions	___	___	___	___	___
10. the ability to keep accurate records	___	___	___	___	___
11. the ability to communicate effectively	___	___	___	___	___
12. successful interpersonal relationships with co-workers and supervisors	___	___	___	___	___
13. an understanding of the rights and responsibilities of employees and employers	___	___	___	___	___
14. appropriate computation skills	___	___	___	___	___
	(1)	(2)	(3)	(4)	(5)

15. Would you consider hiring others from this school? ___ Yes (1) ___ No (2)

COMMENTS: Feel free to use the back of this form or attach additional sheets.

THANK YOU FOR YOUR HELP

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